

Converting Colors

XYZ(74.6036, 78.3122, 82.0031)

Have a look what the booklet for
XYZ(74.6036, 78.3122, 82.0031)
contains.

XYZ(74.7526, 78.5762, 81.7479)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.7526, 78.5762,
81.7479)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E5E0
RGB	232, 229, 224
RGB Percent	91%, 90%, 88%
CMY	0.0902, 0.1019, 0.1216
CMYK	0.00, 0.01, 0.03, 0.09
HSL	38°, 15%, 89%
HSV	38°, 3%, 91%
XYZ	74.7526, 78.5762, 81.7479
YIQ	229.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

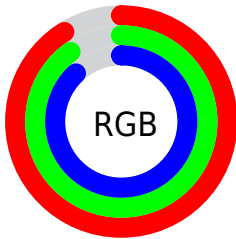
Format	Color
R _Y B	229, 232, 224
Decimal	15263200
CIE Lab	91.04, 0.14, 2.78
CIE LCh	91, 2.783, 87.105
Yxy	78.5762, 0.3180, 0.3343
Android (android.graphics.Color)	4293453280 (0xFFE8E5E0)
YUV	229.3270, -2.6262, 2.3442
Hunter-Lab	88.6432, -4.5970, 7.3723

Details

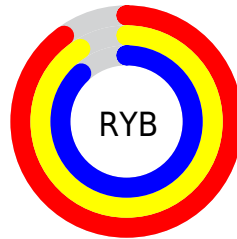
The XYZ color **74.7526, 78.5762, 81.7479** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.7752, 76.6108, 87.2968**, and the grayscale version is **74.7358, 78.6279, 85.6257**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2020, 42.3668, 43.5949** is the 20% darker color. If you saturate the color by 10%, you get **69.4748, 72.7165, 65.5100**, and if you desaturate by 10%, it is **80.5845, 84.8552, 100.2905**.

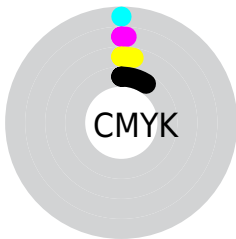
Distribution



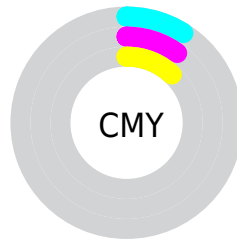
- Red (91%)
- Green (90%)
- Blue (88%)



- Red (90%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7526, 78.5762, 81.7479 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.7526, 78.5762, 81.7479 by changing the saturation by 10% instead.

■ 74.7526, 78.5762,
81.7479

■ 74.7526, 78.5762,
81.7479

466.0771,
490.1215, 520.6653

■ 55.7037, 58.5474,
60.6232

124.9519,
131.3621, 137.6539

■ 40.2015, 42.2489,
43.4925

156.8330,
164.8880, 173.2723

■ 27.8806, 29.2962,
29.9375

193.7221,
203.6817, 214.5589

■ 18.3756, 19.3050,
19.5395

235.9848,
248.1276, 261.9324

■ 11.3213, 11.8909,
11.8800

283.9863,
298.6102, 315.8112

■ 6.3523, 6.6694,
6.5405

338.0919,

■ 3.1031, 3.2562,

355.5137, 376.6140

3.1024

398.6670,
419.2227, 444.7592

■ 1.2085, 1.2669,
1.1471

■ 0.1131, 0.1154,
0.0000

■ 74.7526, 78.5762,
81.7479

■ 74.7526, 78.5762,
81.7479

■ 69.4748, 72.7165,
65.5100

■ 80.5845, 84.8552,
100.2905

■ 64.7256, 67.2554,
51.4801

■ 84.4017, 90.5211,
107.6316

■ 60.4869, 62.1854,
39.5623

■ 87.0892, 95.8961,
108.5274

■ 56.7370, 57.4950,
29.6515

■ 53.4525, 53.1717,
21.6335

■ 50.6078, 49.2024,
15.3826

■ 48.1742, 45.5723,
10.7575

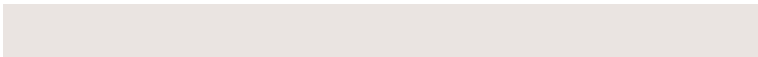
■ 46.1188, 42.2650,
7.5950

■ 44.4021, 39.2615,
5.6975

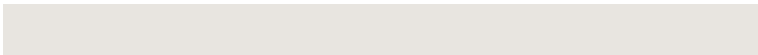
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4208, 78.5762, 82.3467



74.7526, 78.5762, 81.7479



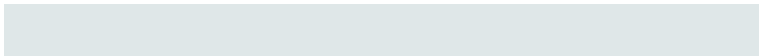
74.0701, 78.5762, 82.1562

Triad

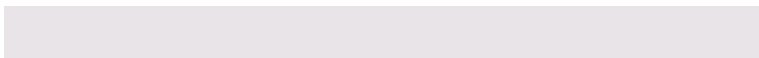
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7526, 78.5762, 81.7479



73.4875, 78.5762, 87.3321



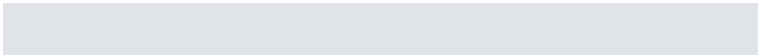
75.8250, 78.5762, 87.6758

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



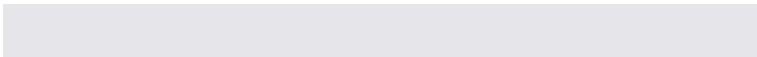
74.7526, 78.5762, 81.7479



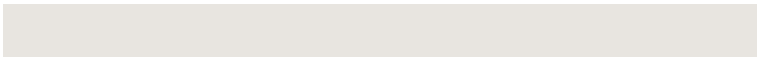
72.7752, 76.6108, 87.2968

Split Complementary

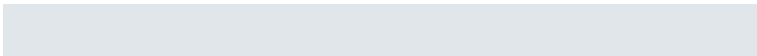
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3019, 78.5762, 89.0485



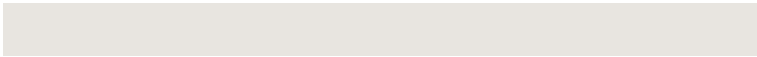
74.7526, 78.5762, 81.7479



73.9526, 78.5762, 88.8479

Square

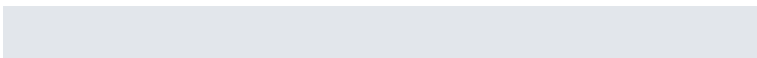
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7526, 78.5762, 81.7479



73.3425, 78.5762, 85.3608



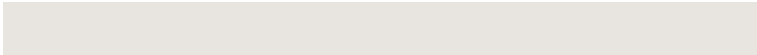
74.6161, 78.5762, 89.4808



76.0424, 78.5762, 85.7518

Rectangle

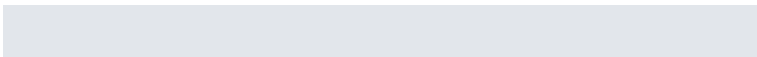
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



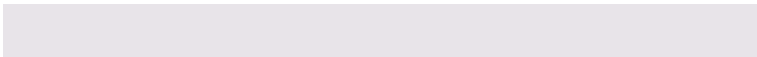
74.7526, 78.5762, 81.7479



73.6984, 78.5762, 82.9482



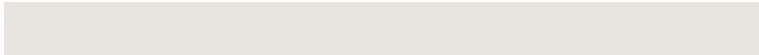
74.6161, 78.5762, 89.4808



75.6790, 78.5762, 88.2181

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74.7548, 78.5796, 81.7496



94.3382, 99.2290, 106.6507



73.8099, 76.0181, 83.5053



20.1998, 21.2472, 22.8514



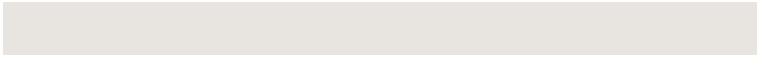
0.0000, 0.0000, 0.0000



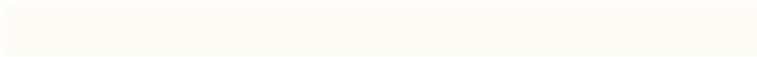
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7548, 78.5796, 81.7496



92.2443, 96.9472, 100.0771



75.2888, 80.0963, 82.0142



15.6591, 16.4538, 16.8221



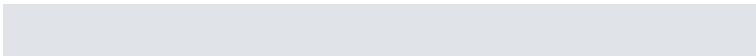
24.2304, 21.0350, 2.7831



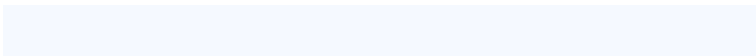
1.8790, 1.7314, 0.2352

Inverse Universe

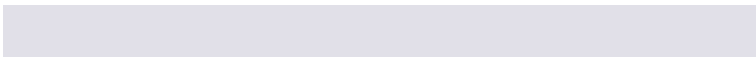
The Inverse Universe completely reimagines the original color for something new.



72.7752, 76.6108, 87.2968



89.3948, 94.1133, 108.0618



72.2529, 75.1356, 87.0396



15.0904, 15.8882, 18.4157



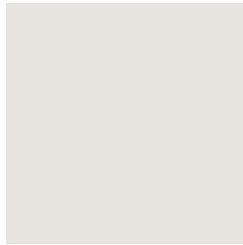
10.0846, 7.2312, 43.2474



0.8321, 0.7082, 3.2248

Previews

White Background



This preview shows how the XYZ color 74.7526, 78.5762, 81.7479 looks on a white background.

Color Contrast Check

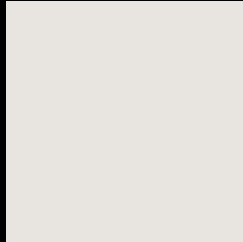
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.7526, 78.5762, 81.7479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

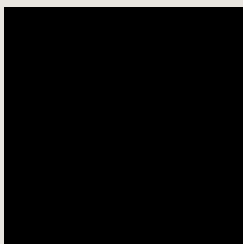
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

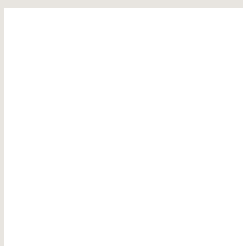
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7526, 78.5762, 81.7479

Background



This preview shows how black text looks on a background with the XYZ color 74.7526, 78.5762, 81.7479.



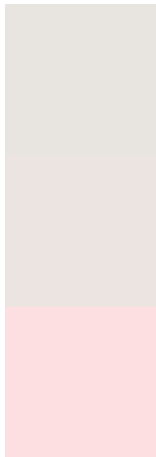
This preview shows how white text looks on a background with the XYZ color 74.7526, 78.5762,

81.7479.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.7526, 78.5762, 81.7479

Protanopia

75.4589, 78.5308, 81.7019

Deuteranopia

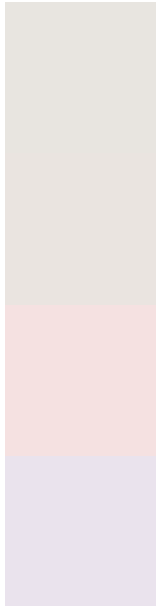
80.2199, 78.5614, 82.1700



Tritanopia

77.7864, 78.5865, 96.6569

Trichromacy



Original Color

74.7526, 78.5762, 81.7479

Protanomaly

75.1296, 78.3610, 81.6864

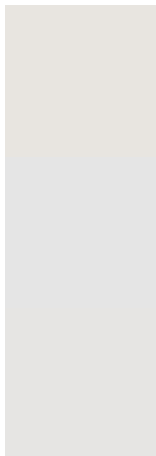
Deuteranomaly

78.1720, 78.6991, 82.3045

Tritanomaly

76.6868, 78.5450, 91.2396

Monochromacy



Original Color

74.7526, 78.5762, 81.7479

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.5176, 78.4077, 83.8797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7526, 78.5762, 81.7479 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(232, 229, 224) looks like.

```
.text, #text, p{  
    color:rgb(232, 229, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 229, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.7526, 78.5762, 81.7479 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 229, 224) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 229, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 229, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 229, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 229, 224); box-shadow:4px 4px 4px 4px rgb(232, 229, 224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7526, 78.5762, 81.7479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 229, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
229, 224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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