

Converting Colors

XYZ(76.0728, 77.9403, 81.2394)

Have a look what the booklet for
XYZ(76.0728, 77.9403, 81.2394)
contains.

XYZ(76.2475, 78.1253, 81.5820)	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(76.2475, 78.1253,
81.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE2E0
RGB	239, 226, 224
RGB Percent	94%, 89%, 88%
CMY	0.0627, 0.1137, 0.1216
CMYK	0.00, 0.05, 0.06, 0.06
HSL	8°, 32%, 91%
HSV	8°, 6%, 94%
XYZ	76.2475, 78.1253, 81.5820
YIQ	229.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

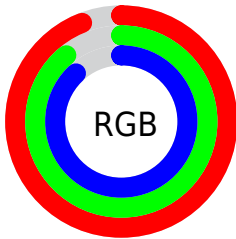
Format	Color
R_{YB}	239, 226, 224
Decimal	15721184
CIE Lab	90.84, 4.08, 2.55
CIE LCh	91, 4.812, 31.992
Yxy	78.1253, 0.3231, 0.3311
Android (android.graphics.Color)	4293911264 (0xFFEFE2E0)
YUV	229.6590, -2.7899, 8.1921
Hunter-Lab	88.3885, -0.6986, 7.1477

Details

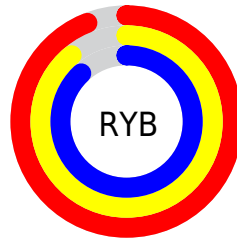
The XYZ color **76.2475, 78.1253, 81.5820** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.6044, 82.6462, 93.5771**, and the grayscale version is **74.9793, 78.8841, 85.9047**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2528, 42.0577, 43.4798** is the 20% darker color. If you saturate the color by 10%, you get **67.9372, 66.3318, 63.9284**, and if you desaturate by 10%, it is **85.6979, 91.4679, 101.8653**.

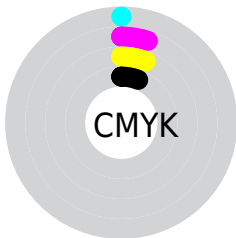
Distribution



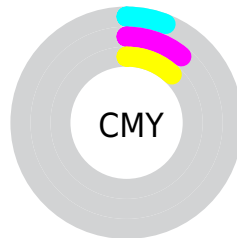
- Red (94%)
- Green (89%)
- Blue (88%)



- Red (94%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2475, 78.1253, 81.5820 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 76.2475, 78.1253, 81.5820 by changing the saturation by 10% instead.


 76.2475, 78.1253,
81.5820

 76.2475, 78.1253,
81.5820


471.1259,
488.5923, 520.0951

 56.9332, 58.1769,
60.4872

127.0552,
130.7267, 137.4191

 41.1916, 41.9509,
43.3836

159.2793,
164.1486, 172.9985

 28.6571, 29.0628,
29.8526


196.5375,
202.8304, 214.2432

 18.9646, 19.1284,
19.4756

239.1950,
247.1565, 261.5717

 11.7485, 11.7631,
11.8342

287.6173,
297.5114, 315.4027

 6.6437, 6.5826,
6.5097

342.1696,

 3.2846, 3.2024,

354.2793, 376.1545

3.0837

403.2174,
417.8448, 444.2458

■ 1.3060, 1.2383,
1.1375

■ 0.1877, 0.0927,
0.0000

■ 76.2475, 78.1253,
81.5820

■ 76.2475, 78.1253,
81.5820

■ 67.9372, 66.3318,
63.9284

■ 85.6979, 91.4679,
101.8653

■ 60.7173, 56.0213,
48.7919

■ 89.4070, 97.0909,
108.6359

■ 54.5443, 47.1380,
36.0590

■ 49.3692, 39.6189,
25.6060

■ 45.1390, 33.3962,
17.2975

■ 41.7957, 28.3960,
10.9844

■ 39.2750, 24.5371,
6.4980

■ 37.5032, 21.7285,
3.6416

■ 36.3927, 19.8643,
2.1717

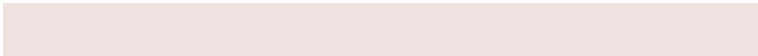
Harmonies

Analogous

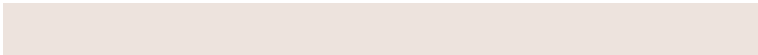
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6064, 78.1253, 84.8337



76.2475, 78.1253, 81.5820



75.3542, 78.1253, 79.3142

Triad

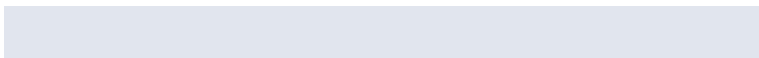
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2475, 78.1253, 81.5820



72.2196, 78.1253, 81.9729



74.3367, 78.1253, 91.9030

Complementary

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



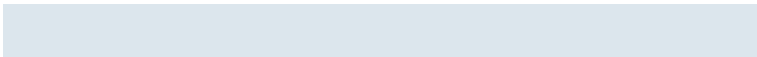
76.2475, 78.1253, 81.5820



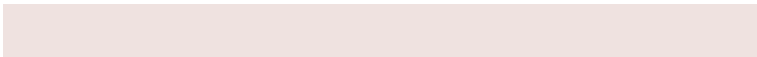
76.6044, 82.6462, 93.5771

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.



73.1680, 78.1253, 91.0876



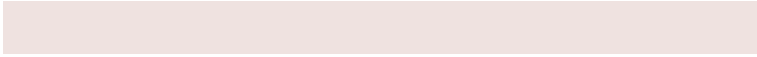
76.2475, 78.1253, 81.5820



71.9537, 78.1253, 85.2971

Square

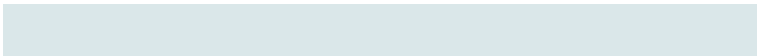
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2475, 78.1253, 81.5820



73.0294, 78.1253, 79.5356



72.2990, 78.1253, 88.6461



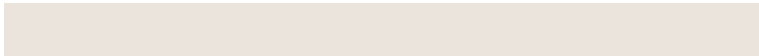
75.4958, 78.1253, 90.8453

Rectangle

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



76.2475, 78.1253, 81.5820



74.5805, 78.1253, 78.6331



72.2990, 78.1253, 88.6461



73.9319, 78.1253, 91.8388

Sweetspot

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



76.2497, 78.1287, 81.5837



92.8462, 96.8890, 104.1682



77.5393, 77.7776, 91.0475



19.8960, 20.7709, 22.3458



0.0000, 0.0000, 0.0000



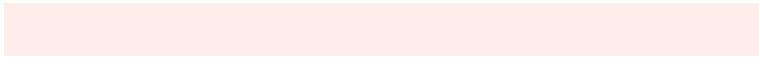
20.3446, 21.4041, 23.3091

Same Dimension

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



76.2497, 78.1287, 81.5837



86.5563, 87.9923, 90.7168



78.3328, 82.2949, 82.2780



15.9431, 16.0993, 16.4169



20.0092, 10.8165, 1.0332



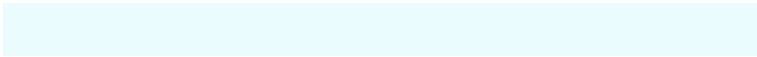
1.7178, 1.0064, 0.1037

Inverse Universe

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



76.6044, 82.6462, 93.5771



87.0756, 94.6073, 108.2794



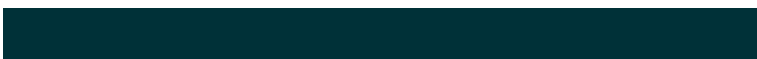
74.4794, 78.3961, 92.8687



16.0567, 17.5476, 20.2624



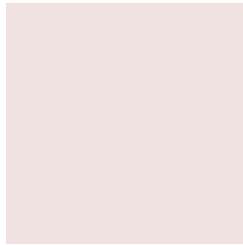
21.0195, 28.2633, 49.4754



1.7981, 2.4501, 4.1324

Previews

White Background



This preview shows how the XYZ color 76.2475, 78.1253, 81.5820 looks on a white background.

Color Contrast Check

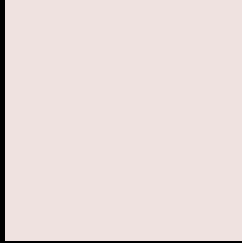
Large Text (above 18pt) WCAG AA × Fail

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 76.2475, 78.1253, 81.5820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

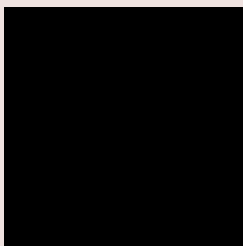
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

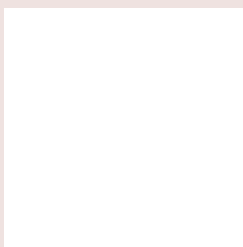
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2475, 78.1253, 81.5820

Background



This preview shows how black text looks on a background with the XYZ color 76.2475, 78.1253, 81.5820.



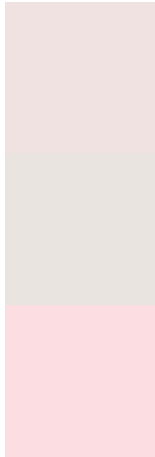
This preview shows how white text looks on a background with the XYZ color 76.2475, 78.1253,

81.5820.

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

76.2475, 78.1253, 81.5820

Protanopia

75.2657, 78.4155, 82.4029

Deuteranopia

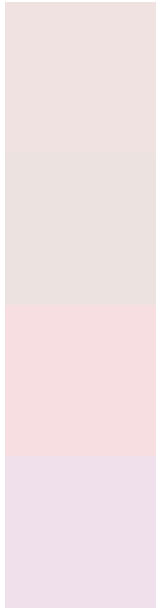
79.5919, 77.8446, 82.0647



Tritanopia

78.5405, 77.8270, 94.1017

Trichromacy



Original Color

76.2475, 78.1253, 81.5820

Protanomaly

75.6518, 78.2073, 82.3424

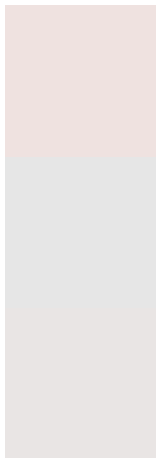
Deuteranomaly

78.3361, 77.9858, 82.1582

Tritanomaly

77.5862, 77.8347, 89.5316

Monochromacy



Original Color

76.2475, 78.1253, 81.5820

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.6272, 78.9637, 84.6543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2475, 78.1253, 81.5820 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(239, 226, 224) looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 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(239, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 224) }
```

Border

The CSS property to change the border of an element to XYZ 76.2475, 78.1253, 81.5820 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(239, 226, 224) }
```


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

```
.border{ border-color:rgb(239, 226, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 226, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 226, 224); box-shadow:4px 4px 4px 4px rgb(239, 226, 224) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2475, 78.1253, 81.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 224) }
```

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

```
.background{ background-color: rgb(239,  
226, 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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