

Converting Colors

XYZ(74.4916, 78.4833, 79.4007)

Have a look what the booklet for
XYZ(74.4916, 78.4833, 79.4007)
contains.

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Color

**XYZ(74.6747, 78.5827,
79.6388)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E5DD
RGB	233, 229, 221
RGB Percent	91%, 90%, 87%
CMY	0.0863, 0.1019, 0.1333
CMYK	0.00, 0.02, 0.05, 0.09
HSL	40°, 21%, 89%
HSV	40°, 5%, 91%
XYZ	74.6747, 78.5827, 79.6388
YIQ	229.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

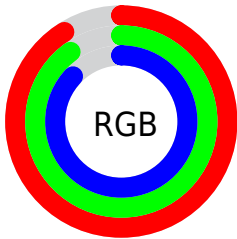
Format	Color
R_{YB}	227, 233, 221
Decimal	15328733
CIE Lab	91.05, -0.03, 4.36
CIE LCh	91, 4.362, 90.427
Yxy	78.5827, 0.3206, 0.3374
Android (android.graphics.Color)	4293518813 (0xFFE9E5DD)
YUV	229.2840, -4.0840, 3.2589
Hunter-Lab	88.6469, -4.7665, 8.7877

Details

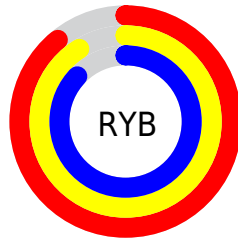
The XYZ color **74.6747, 78.5827, 79.6388** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.4519, 75.1046, 87.8224**, and the grayscale version is **74.7137, 78.6046, 85.6004**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1504, 42.3724, 42.1389** is the 20% darker color. If you saturate the color by 10%, you get **69.6851, 73.2308, 63.7079**, and if you desaturate by 10%, it is **80.1956, 84.3057, 97.8742**.

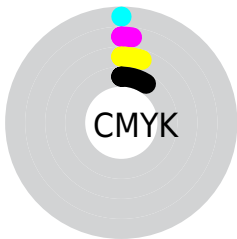
Distribution



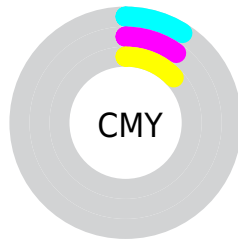
- Red (91%)
- Green (90%)
- Blue (87%)



- Red (89%)
- Yellow (91%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6747, 78.5827, 79.6388 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 74.6747, 78.5827, 79.6388 by changing the saturation by 10% instead.

■ 74.6747, 78.5827,
79.6388

■ 74.6747, 78.5827,
79.6388

465.8132,
490.1435, 513.3894

■ 55.6397, 58.5528,
58.8968

124.8422,
131.3712, 134.6646

■ 40.1500, 42.2532,
42.1105

156.7053,
164.8986, 169.7854

■ 27.8402, 29.2996,
28.8616

193.5752,
203.6939, 210.5362

■ 18.3451, 19.3076,
18.7315

235.8171,
248.1416, 257.3356

■ 11.2992, 11.8927,
11.3016

283.7966,
298.6260, 310.6021

■ 6.3372, 6.6707,
6.1534

337.8788,

■ 3.0938, 3.2570,

355.5315, 370.7542

2.8683

398.4292,
419.2425, 438.2104

■ 1.2036, 1.2673,
1.0278

■ 0.1092, 0.1157,
0.0000

■ 74.6747, 78.5827,
79.6388

■ 74.6747, 78.5827,
79.6388

■ 69.6851, 73.2308,
63.7079

■ 80.1956, 84.3057,
97.8742

■ 65.2012, 68.2303,
49.9832

■ 84.1628, 89.5601,
107.4587

■ 61.2053, 63.5744,
38.3665

■ 86.5533, 94.3412,
108.2556

■ 57.6755, 59.2525,
28.7506

■ 87.4147, 96.0638,
108.5427

■ 54.5886, 55.2530,
21.0183

■ 51.9187, 51.5636,
15.0405

■ 49.6369, 48.1703,
10.6714

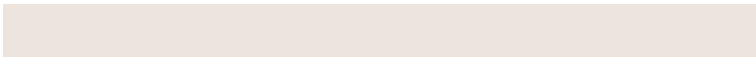
■ 47.7096, 45.0577,
7.7416

■ 46.0959, 42.2069,
6.0430

Harmonies

Analogous

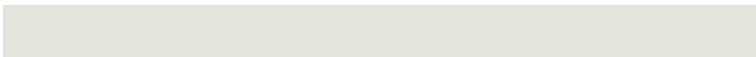
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7409, 78.5827, 80.3944



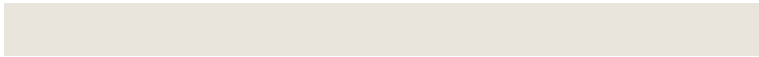
74.6747, 78.5827, 79.6388



73.6228, 78.5827, 80.4378

Triad

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



74.6747, 78.5827, 79.6388



72.8787, 78.5827, 88.6726



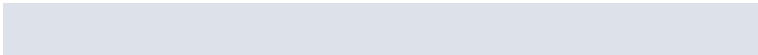
76.5481, 78.5827, 88.5924

Complementary

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



74.6747, 78.5827, 79.6388



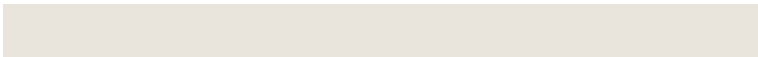
71.4519, 75.1046, 87.8224

Split Complementary

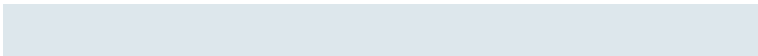
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7685, 78.5827, 90.9018



74.6747, 78.5827, 79.6388



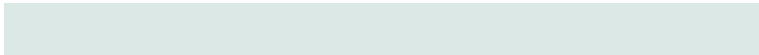
73.6499, 78.5827, 90.9489

Square

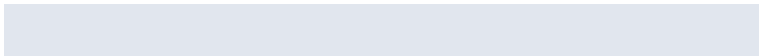
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6747, 78.5827, 79.6388



72.5922, 78.5827, 85.6085



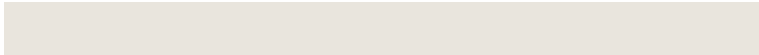
74.7063, 78.5827, 91.7744



76.8289, 78.5827, 85.5180

Rectangle

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



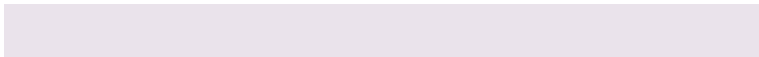
74.6747, 78.5827, 79.6388



73.0695, 78.5827, 81.7562



74.7063, 78.5827, 91.7744



76.3353, 78.5827, 89.4866

Sweetspot

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



74.6769, 78.5861, 79.6405



93.7003, 98.5971, 104.4529



73.0524, 74.4739, 81.7599



20.0699, 21.1186, 22.4038



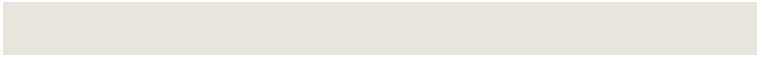
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



74.6769, 78.5861, 79.6405



91.0799, 95.8459, 95.9043



75.1460, 80.4882, 79.9829



16.2230, 17.0715, 16.9332



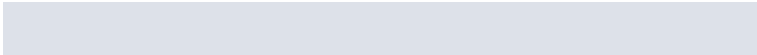
25.8766, 23.4474, 3.1620



2.1197, 2.0167, 0.2775

Inverse Universe

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



71.4519, 75.1046, 87.8224



86.4737, 90.8734, 107.5904



70.9969, 73.2853, 87.4952



15.3209, 16.0976, 19.2219



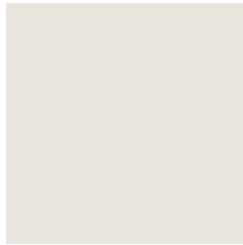
9.9765, 6.6000, 44.4911



0.8689, 0.6893, 3.5221

Previews

White Background



This preview shows how the XYZ color 74.6747, 78.5827, 79.6388 looks on a white background.

Color Contrast Check

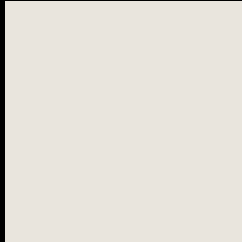
Large Text (above 18pt) WCAG AA × Fail

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 74.6747, 78.5827, 79.6388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

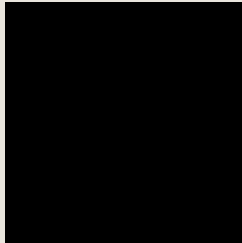
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

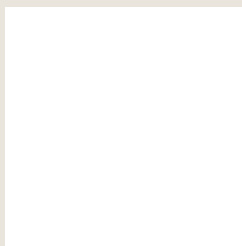
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6747, 78.5827, 79.6388

Background



This preview shows how black text looks on a background with the XYZ color 74.6747, 78.5827, 79.6388.

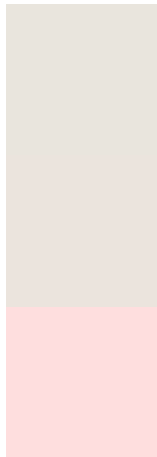


This preview shows how white text looks on a background with the XYZ color 74.6747, 78.5827,

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

74.6747, 78.5827, 79.6388

Protanopia

75.0555, 78.3694, 79.5776

Deuteranopia

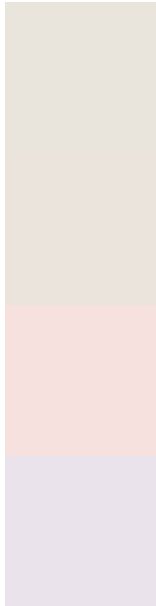
80.1791, 78.5873, 80.0502



Tritanopia

77.9661, 78.6966, 95.8747

Trichromacy



Original Color

74.6747, 78.5827, 79.6388

Protanomaly

74.7262, 78.1997, 79.5622

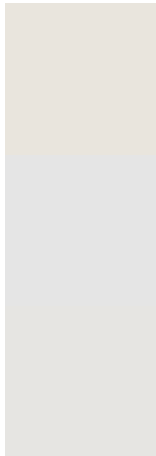
Deuteranomaly

78.1161, 78.7172, 80.1840

Tritanomaly

76.7254, 78.5985, 89.7244

Monochromacy



Original Color

74.6747, 78.5827, 79.6388

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.3799, 78.3526, 83.1548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6747, 78.5827, 79.6388 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(233, 229, 221) looks like.

```
.text, #text, p{  
    color:rgb(233, 229, 221)  
}
```

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(233, 229, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 229, 221) }
```

Border

The CSS property to change the border of an element to XYZ 74.6747, 78.5827, 79.6388 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(233, 229, 221) }
```


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

```
.border{ border-color:rgb(233, 229, 221) }
```

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

Here you see how a box with a 4 pixel rgb(233, 229, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 229, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 229, 221);  
box-shadow:4px 4px 4px 4px rgb(233, 229,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6747, 78.5827, 79.6388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 229, 221) }
```

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

```
.background{ background-color: rgb(233,  
229, 221) }
```

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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