

Converting Colors

XYZ(75.0085, 78.2166, 77.4117)

Have a look what the booklet for
XYZ(75.0085, 78.2166, 77.4117)
contains.

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Color

**XYZ(74.9904, 78.3816,
77.5064)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE4DA
RGB	236, 228, 218
RGB Percent	93%, 89%, 85%
CMY	0.0745, 0.1059, 0.1451
CMYK	0.00, 0.03, 0.08, 0.07
HSL	33°, 32%, 89%
HSV	33°, 8%, 93%
XYZ	74.9904, 78.3816, 77.5064
YIQ	229.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

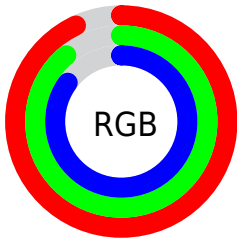
Format	Color
RYB	232, 236, 218
Decimal	15525082
CIELab	90.95, 1.01, 5.83
CIELCh	91, 5.914, 80.161
Yxy	78.3816, 0.3248, 0.3395
Android (android.graphics.Color)	4293715162 (0xFFECE4DA)
YUV	229.2520, -5.5472, 5.9180
Hunter-Lab	88.5334, -3.7386, 10.0680

Details

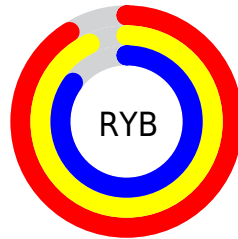
The XYZ color **74.9904, 78.3816, 77.5064** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2501, 75.3532, 90.1473**, and the grayscale version is **74.6990, 78.5891, 85.5836**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3768, 42.2348, 40.6744** is the 20% darker color. If you saturate the color by 10%, you get **69.3229, 71.6415, 61.4502**, and if you desaturate by 10%, it is **81.2769, 85.6543, 95.9403**.

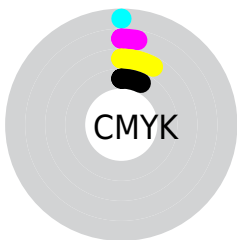
Distribution



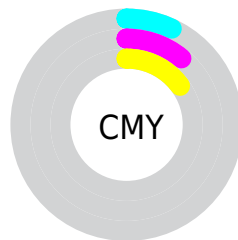
- Red (93%)
- Green (89%)
- Blue (85%)



- Red (91%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9904, 78.3816, 77.5064 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 74.9904, 78.3816, 77.5064 by changing the saturation by 10% instead.

■ 74.9904, 78.3816,
77.5064

■ 74.9904, 78.3816,
77.5064

466.8823,
489.4618, 505.9723

■ 55.8992, 58.3875,
57.1546

125.2868,
131.0879, 131.6336

■ 40.3588, 42.1203,
40.7191

157.2226,
164.5689, 166.2460

■ 28.0038, 29.1955,
27.7817

194.1707,
203.3144, 206.4491

■ 18.4690, 19.2287,
17.9235

236.4964,
247.7086, 252.6613

■ 11.3890, 11.8357,
10.7262

284.5650,
298.1361, 305.3011

■ 6.3983, 6.6319,
5.7712

338.7420,

■ 3.1317, 3.2330,

354.9812, 364.7873

2.6399

399.3926,
418.6283, 431.5381

■ 1.2238, 1.2545,
0.9130

■ 0.1250, 0.1056,
0.0000

■ 74.9904, 78.3816,
77.5064

■ 74.9904, 78.3816,
77.5064

■ 69.3229, 71.6415,
61.4502

■ 81.2769, 85.6543,
95.9403

■ 64.2464, 65.4101,
47.6681

■ 86.5098, 92.7876,
107.9580

■ 59.7401, 59.6766,
36.0567

■ 88.4025, 96.5731,
108.5889

■ 55.7794, 54.4261,
26.5022

■ 52.3374, 49.6424,
18.8803

■ 49.3849, 45.3083,
13.0533

■ 46.8888, 41.4049,
8.8648

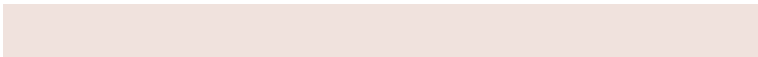
■ 44.8108, 37.9108,
6.1312

■ 43.1005, 34.7999,
4.6062

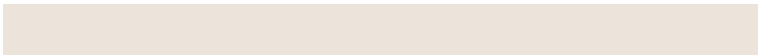
Harmonies

Analogous

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



76.3514, 78.3816, 79.1930



74.9904, 78.3816, 77.5064



73.5155, 78.3816, 77.8655

Triad

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



74.9904, 78.3816, 77.5064



71.8401, 78.3816, 88.2058



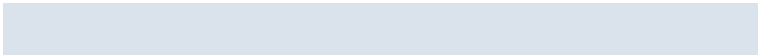
76.7227, 78.3816, 90.7137

Complementary

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



74.9904, 78.3816, 77.5064



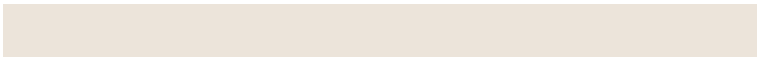
71.2501, 75.3532, 90.1473

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.



75.4920, 78.3816, 93.2871



74.9904, 78.3816, 77.5064



72.6776, 78.3816, 91.8060

Square

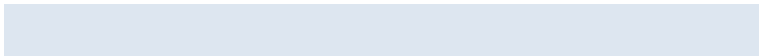
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9904, 78.3816, 77.5064



71.7098, 78.3816, 83.9487



74.0105, 78.3816, 93.6934



77.3603, 78.3816, 86.7552

Rectangle

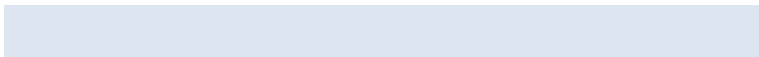
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9904, 78.3816, 77.5064



72.6654, 78.3816, 79.2212



74.0105, 78.3816, 93.6934



76.3639, 78.3816, 91.7749

Sweetspot

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



74.9926, 78.3850, 77.5081



93.5212, 98.2389, 104.3932



73.4058, 73.4733, 82.3374



20.0334, 21.0457, 22.3916



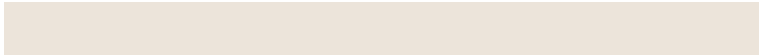
0.0000, 0.0000, 0.0000



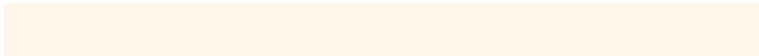
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9926, 78.3850, 77.5081



88.4061, 92.2761, 89.5327



76.9454, 82.7332, 78.2444



15.7597, 16.4425, 15.8618



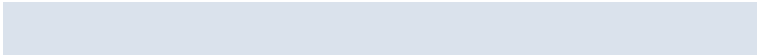
23.6851, 19.0644, 2.4315



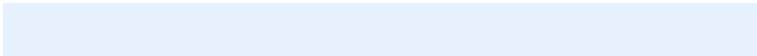
1.9556, 1.6884, 0.2228

Inverse Universe

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



71.2501, 75.3532, 90.1473



83.1700, 88.0342, 107.2165



69.3962, 71.2447, 89.4520



14.7820, 15.6504, 19.1640



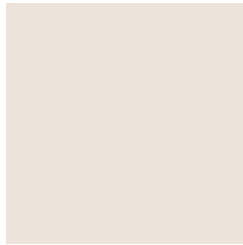
11.2455, 9.1381, 44.9141



0.9776, 0.9067, 3.5584

Previews

White Background



This preview shows how the XYZ color 74.9904, 78.3816, 77.5064 looks on a white background.

Color Contrast Check

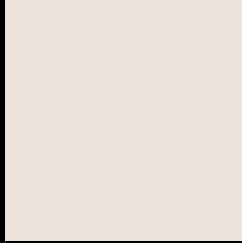
Large Text (above 18pt) WCAG AA × Fail

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 74.9904, 78.3816, 77.5064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

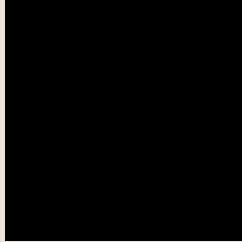
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

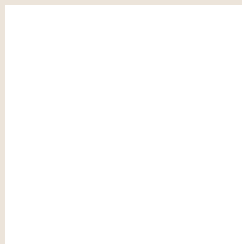
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9904, 78.3816, 77.5064

Background



This preview shows how black text looks on a background with the XYZ color 74.9904, 78.3816, 77.5064.

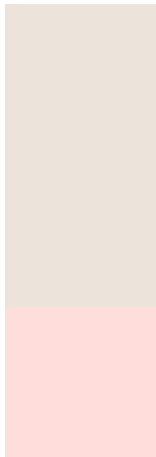


This preview shows how white text looks on a background with the XYZ color 74.9904, 78.3816,

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

74.9904, 78.3816, 77.5064

Protanopia

74.9904, 78.3816, 77.5064

Deuteranopia

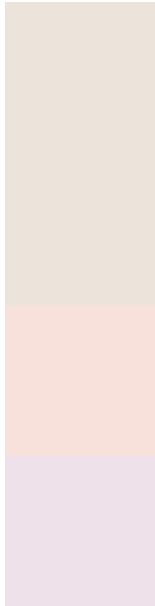
79.8826, 78.0874, 77.8799



Tritanopia

78.2793, 78.0728, 94.9482

Trichromacy



Original Color

74.9904, 78.3816, 77.5064

Protanomaly

74.9904, 78.3816, 77.5064

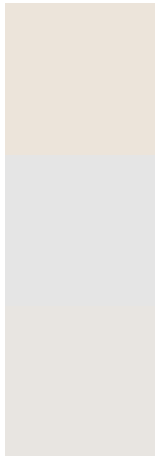
Deuteranomaly

78.1532, 78.3822, 78.0280

Tritanomaly

76.8931, 77.9108, 88.0764

Monochromacy



Original Color

74.9904, 78.3816, 77.5064

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.8886, 78.6307, 82.4643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9904, 78.3816, 77.5064 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(236, 228, 218) looks like.

```
.text, #text, p{  
    color:rgb(236, 228, 218)  
}
```

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(236, 228, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 228, 218) }
```

Border

The CSS property to change the border of an element to XYZ 74.9904, 78.3816, 77.5064 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(236, 228, 218) }
```


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

```
.border{ border-color:rgb(236, 228, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 228, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 228, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 228, 218);  
box-shadow:4px 4px 4px 4px rgb(236, 228,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9904, 78.3816, 77.5064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 228, 218) }
```

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

```
.background{ background-color: rgb(236,  
228, 218) }
```

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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