

Converting Colors

XYZ(74.2353, 77.9947, 68.9000)

Have a look what the booklet for
XYZ(74.2353, 77.9947, 68.9000)
contains.

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Color

**XYZ(74.3595, 78.2453,
68.9413)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE4CD
RGB	239, 228, 205
RGB Percent	94%, 89%, 80%
CMY	0.0627, 0.1059, 0.1961
CMYK	0.00, 0.05, 0.14, 0.06
HSL	41°, 52%, 87%
HSV	41°, 14%, 94%
XYZ	74.3595, 78.2453, 68.9413
YIQ	228.6670, 13.9390, -4.8210

Conversions

Conversions Part 2

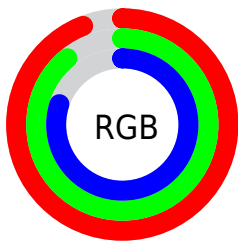
Format	Color
R _Y B	221, 239, 205
Decimal	15721677
CIE Lab	90.89, -0.02, 12.56
CIE LCh	91, 12.557, 90.097
Yxy	78.2453, 0.3356, 0.3532
Android (android.graphics.Color)	4293911757 (0xFFEFE4CD)
YUV	228.6670, -11.6678, 9.0620
Hunter-Lab	88.4564, -4.7454, 15.7099

Details

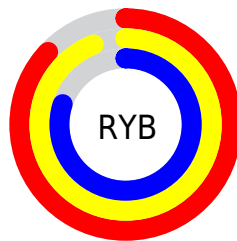
The XYZ color **74.3595, 78.2453, 68.9413** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3126, 68.3217, 91.4072**, and the grayscale version is **74.3091, 78.1790, 85.1369**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0579, 42.1888, 35.3101** is the 20% darker color. If you saturate the color by 10%, you get **69.6137, 73.0230, 54.1966**, and if you desaturate by 10%, it is **79.6453, 83.8410, 86.0421**.

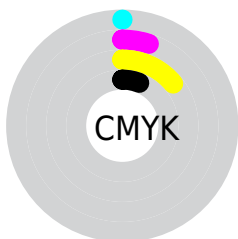
Distribution



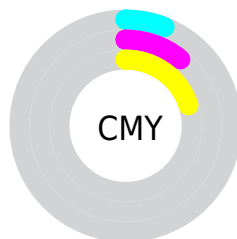
- Red (94%)
- Green (89%)
- Blue (80%)



- Red (87%)
- Yellow (94%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3595, 78.2453, 68.9413 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 74.3595, 78.2453, 68.9413 by changing the saturation by 10% instead.

74.3595, 78.2453,
68.9413

74.3595, 78.2453,
68.9413

464.7444,
488.9995, 475.5122

55.3807, 58.2755,
50.1924

124.3981,
130.8959, 119.3646

39.9416, 42.0302,
35.1941

156.1885,
164.3454, 151.8762

27.6770, 29.1249,
23.5277

192.9801,
203.0570, 189.8124

18.2216, 19.1753,
14.7747

235.1384,
247.4151, 233.5918

11.2098, 11.7970,
8.5165

283.0286,
297.8039, 283.6330

6.2765, 6.6056,
4.3347

337.0161,

3.0562, 3.2167,

354.6080, 340.3544

1.8107

397.4662,
418.2118, 404.1747

■ 1.1835, 1.2459,
0.4350

■ 0.0933, 0.0987,
0.0000

■ 74.3595, 78.2453,
68.9413

■ 74.3595, 78.2453,
68.9413

■ 69.6137, 73.0230,
54.1966

■ 79.6453, 83.8410,
86.0421

■ 65.3805, 68.1532,
41.6975

■ 85.4847, 89.8095,
105.5926

■ 61.6393, 63.6284,
31.3324

■ 88.2046, 94.6862,
108.2351

■ 58.3654, 59.4366,
22.9778

■ 89.4070, 97.0909,
108.6359

■ 55.5317, 55.5649,
16.4974

■ 53.1079, 51.9991,
11.7380

■ 51.0590, 48.7229,
8.5219

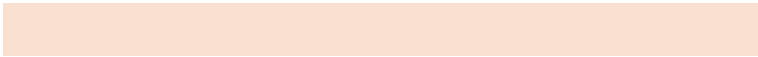
■ 49.3424, 45.7171,
6.6321

■ 48.4661, 44.0891,
5.9556

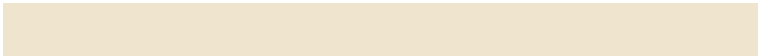
Harmonies

Analogous

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



77.4425, 78.2453, 70.9741



74.3595, 78.2453, 68.9413



71.3621, 78.2453, 71.0002

Triad

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



74.3595, 78.2453, 68.9413



69.2322, 78.2453, 94.2302



79.7663, 78.2453, 94.1755

Complementary

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



74.3595, 78.2453, 68.9413



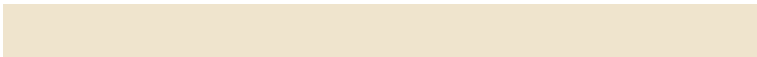
65.3126, 68.3217, 91.4072

Split Complementary

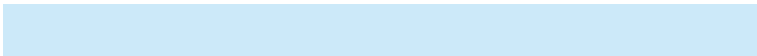
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4608, 78.2453, 101.1677



74.3595, 78.2453, 68.9413



71.3795, 78.2453, 101.2008

Square

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



74.3595, 78.2453, 68.9413



68.4535, 78.2453, 85.2254



74.3801, 78.2453, 103.8233



80.6175, 78.2453, 85.1663

Rectangle

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



74.3595, 78.2453, 68.9413



69.8021, 78.2453, 74.5060



74.3801, 78.2453, 103.8233



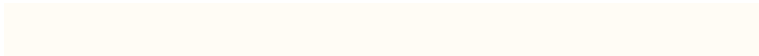
79.1326, 78.2453, 96.8621

Sweetspot

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



74.3616, 78.2488, 68.9430



92.4076, 97.2737, 100.1315



69.8667, 66.9896, 74.4409



19.6752, 20.7125, 21.0903



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.



74.3616, 78.2488, 68.9430



84.5291, 88.8950, 74.7594



75.6001, 83.5215, 69.8954



16.6669, 17.5470, 16.6582



26.9073, 24.6126, 3.3325



2.3282, 2.2271, 0.3072

Inverse Universe

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



65.3126, 68.3217, 91.4072



72.2071, 75.3781, 105.3514



64.1809, 63.6955, 90.5739



15.3146, 16.0634, 20.0150



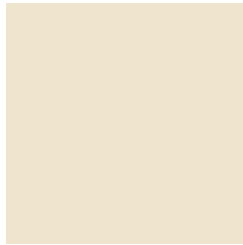
10.1932, 6.6106, 45.8666



0.9349, 0.7238, 3.8446

Previews

White Background



This preview shows how the XYZ color 74.3595, 78.2453, 68.9413 looks on a white background.

Color Contrast Check

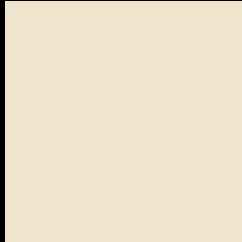
Large Text (above 18pt) WCAG AA × Fail

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 74.3595, 78.2453, 68.9413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

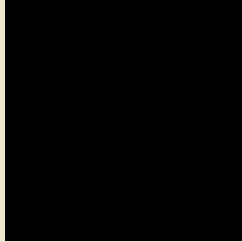
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3595, 78.2453, 68.9413

Background



This preview shows how black text looks on a background with the XYZ color 74.3595, 78.2453, 68.9413.

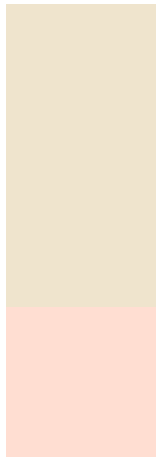


This preview shows how white text looks on a background with the XYZ color 74.3595, 78.2453,

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

74.3595, 78.2453, 68.9413

Protanopia

74.3595, 78.2453, 68.9413

Deuteranopia

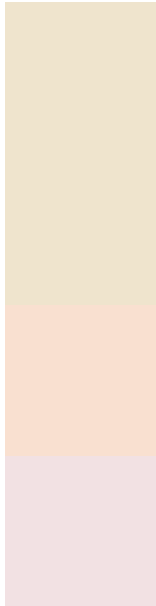
78.9941, 78.1557, 71.8949



Tritanopia

79.4241, 78.2997, 93.3653

Trichromacy



Original Color

74.3595, 78.2453, 68.9413

Protanomaly

74.3595, 78.2453, 68.9413

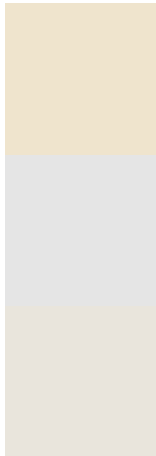
Deuteranomaly

77.1077, 78.0051, 70.6670

Tritanomaly

77.4083, 78.2737, 83.7015

Monochromacy



Original Color

74.3595, 78.2453, 68.9413

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.5419, 78.5296, 78.9391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3595, 78.2453, 68.9413 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, 228, 205) looks like.

```
.text, #text, p{  
    color:rgb(239, 228, 205)  
}
```

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, 228, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 228, 205) }
```

Border

The CSS property to change the border of an element to XYZ 74.3595, 78.2453, 68.9413 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, 228, 205) }
```


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

```
.border{ border-color:rgb(239, 228, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 228, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 228, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 228, 205);  
box-shadow:4px 4px 4px 4px rgb(239, 228,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3595, 78.2453, 68.9413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 228, 205) }
```

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

```
.background{ background-color: rgb(239,  
228, 205) }
```

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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