

Converting Colors

XYZ(74.4477, 75.9146, 77.4757)

Have a look what the booklet for
XYZ(74.4477, 75.9146, 77.4757)
contains.

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Color

**XYZ(74.7705, 76.2405,
77.7929)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD ^F DB
RGB	239, 223, 219
RGB Percent	94%, 87%, 86%
CMY	0.0627, 0.1255, 0.1412
CMYK	0.00, 0.07, 0.08, 0.06
HSL	12°, 38%, 90%
HSV	12°, 8%, 94%
XYZ	74.7705, 76.2405, 77.7929
YIQ	227.3280, 10.8200, 2.1480

Conversions

Conversions Part 2

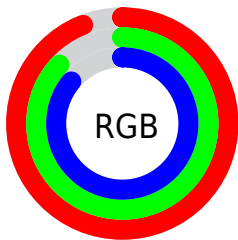
Format	Color
R _Y B	239, 224, 219
Decimal	15720411
CIE Lab	89.97, 4.80, 3.91
CIE LCh	90, 6.189, 39.215
Yxy	76.2405, 0.3268, 0.3332
Android (android.graphics.Color)	4293910491 (0xFFEFD _F DB)
YUV	227.3280, -4.1057, 10.2363
Hunter-Lab	87.3158, 0.0509, 8.2974

Details

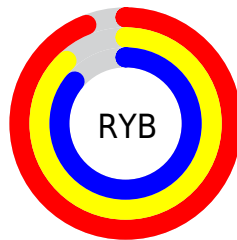
The XYZ color **74.7705, 76.2405, 77.7929** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5017, 80.7076, 93.3139**, and the grayscale version is **73.2776, 77.0937, 83.9551**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2319, 40.7529, 40.8676** is the 20% darker color. If you saturate the color by 10%, you get **67.0257, 65.4293, 60.7864**, and if you desaturate by 10%, it is **83.5480, 88.3923, 97.3742**.

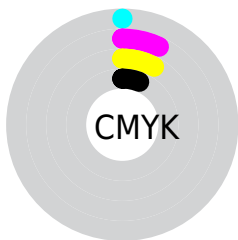
Distribution



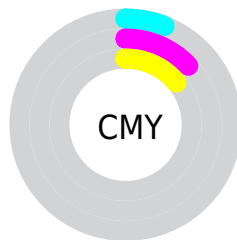
- Red (94%)
- Green (87%)
- Blue (86%)



- Red (94%)
- Yellow (88%)
- Blue (86%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (6%)





- Cyan (6%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7705, 76.2405, 77.7929 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 74.7705, 76.2405, 77.7929 by changing the saturation by 10% instead.


 74.7705, 76.2405,
77.7929

 74.7705, 76.2405,
77.7929


466.1377,
482.1706, 506.9725

 55.7184, 56.6297,
57.3884


124.9771,
128.0668, 132.0413

 40.2133, 40.7080,
40.9057


156.8623,
161.0511, 166.7224

 27.8898, 28.0910,
27.9263


193.7559,
199.2621, 206.9994

 18.3827, 18.3943,
18.0315

236.0233,
243.0842, 253.2909

 11.3264, 11.2334,
10.8030

284.0298,
292.9016, 306.0154

 6.3557, 6.2241,
5.8220

338.1408,

 3.1053, 2.9818,

349.0989, 365.5915

2.6701

398.7217,
412.0604, 432.4377

■ 1.2097, 1.1222,
0.9283

■ 0.1140, 0.0000,
0.0000

■ 74.7705, 76.2405,
77.7929

■ 74.7705, 76.2405,
77.7929

■ 67.0257, 65.4293,
60.7864

■ 83.5480, 88.3923,
97.3742

■ 60.2689, 55.9027,
46.2426

■ 89.4071, 97.0910,
108.6359

■ 54.4616, 47.6158,
34.0482

■ 49.5604, 40.5171,
24.0793

■ 45.5181, 34.5512,
16.2003

■ 42.2834, 29.6586,
10.2610

■ 39.7991, 25.7740,
6.0908

■ 37.9996, 22.8246,
3.4889

■ 36.8008, 20.7243,
2.1726

Harmonies

Analogous

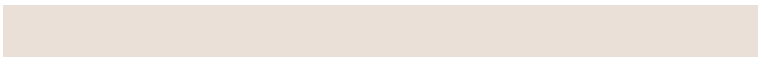
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4109, 76.2405, 81.6693



74.7705, 76.2405, 77.7929



73.5146, 76.2405, 75.3732

Triad

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



74.7705, 76.2405, 77.7929



69.7452, 76.2405, 80.0552



72.9370, 76.2405, 91.6215

Complementary

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



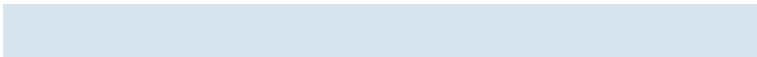
74.7705, 76.2405, 77.7929



74.5017, 80.7076, 93.3139

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.



71.4241, 76.2405, 91.1522



74.7705, 76.2405, 77.7929



69.5955, 76.2405, 84.3712

Square

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



74.7705, 76.2405, 77.7929



70.6179, 76.2405, 76.6471



70.2060, 76.2405, 88.4614



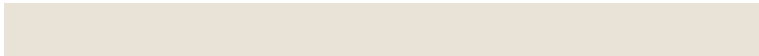
74.3426, 76.2405, 89.7219

Rectangle

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



74.7705, 76.2405, 77.7929



72.5047, 76.2405, 74.8603



70.2060, 76.2405, 88.4614



72.4240, 76.2405, 91.7369

Sweetspot

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



74.7726, 76.2438, 77.7945



91.9217, 95.6752, 101.9015



75.9246, 75.0131, 89.0757



19.5001, 20.2362, 21.4208



0.0000, 0.0000, 0.0000



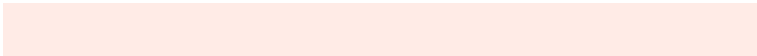
20.3446, 21.4041, 23.3091

Same Dimension

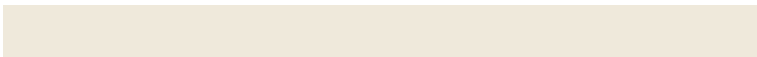
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7726, 76.2438, 77.7945



85.0482, 86.1359, 86.6387



77.5228, 81.7442, 78.7113



16.0290, 16.2712, 16.4455



20.3255, 11.4491, 1.1386



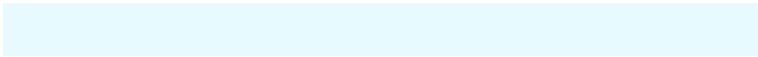
1.7588, 1.0883, 0.1174

Inverse Universe

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



74.5017, 80.7076, 93.3139



84.6758, 92.2663, 107.9540



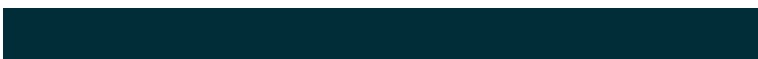
71.7197, 75.1437, 92.3866



15.9629, 17.3600, 20.2311



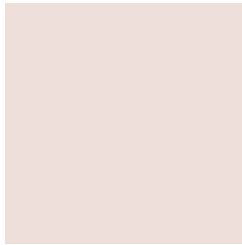
19.0192, 24.2627, 48.8086



1.6496, 2.1533, 4.0829

Previews

White Background



This preview shows how the XYZ color 74.7705, 76.2405, 77.7929 looks on a white background.

Color Contrast Check

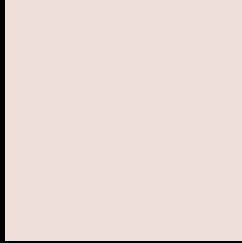
Large Text (above 18pt) WCAG AA × Fail

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 74.7705, 76.2405, 77.7929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

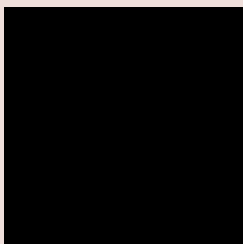
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

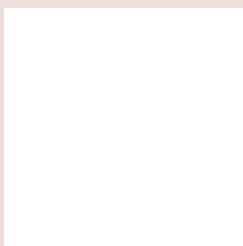
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7705, 76.2405, 77.7929

Background



This preview shows how black text looks on a background with the XYZ color 74.7705, 76.2405, 77.7929.



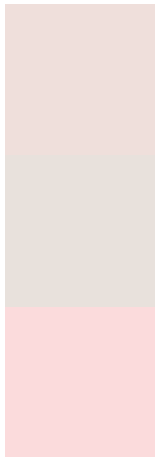
This preview shows how white text looks on a background with the XYZ color 74.7705, 76.2405,

77.7929.

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

74.7705, 76.2405, 77.7929

Protanopia

73.1222, 76.1735, 78.5592

Deuteranopia

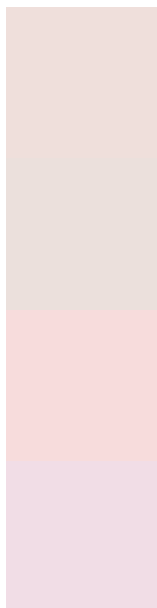
78.0334, 76.3396, 78.3324



Tritanopia

77.4972, 76.1781, 90.7401

Trichromacy



Original Color

74.7705, 76.2405, 77.7929

Protanomaly

73.8349, 76.1408, 78.5153

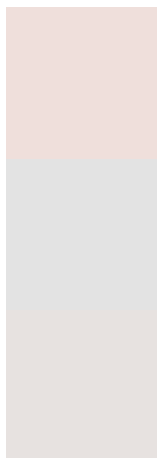
Deuteranomaly

76.8692, 76.1279, 78.3528

Tritanomaly

76.4150, 76.1268, 85.5294

Monochromacy



Original Color

74.7705, 76.2405, 77.7929

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.6059, 76.7635, 81.4584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7705, 76.2405, 77.7929 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, 223, 219) looks like.

```
.text, #text, p{  
    color:rgb(239, 223, 219)  
}
```

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, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 223, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.7705, 76.2405, 77.7929 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, 223, 219) }
```


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

```
.border{ border-color:rgb(239, 223, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 223, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 223, 219);  
box-shadow:4px 4px 4px 4px rgb(239, 223,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7705, 76.2405, 77.7929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 223, 219) }
```

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

```
.background{ background-color: rgb(239,  
223, 219) }
```

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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