

Converting Colors

XYZ(74.2949, 77.3351, 79.4220)

Have a look what the booklet for
XYZ(74.2949, 77.3351, 79.4220)
contains.

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Color

**XYZ(74.1792, 77.1056,
79.3798)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE2DD
RGB	234, 226, 221
RGB Percent	92%, 89%, 87%
CMY	0.0823, 0.1137, 0.1333
CMYK	0.00, 0.03, 0.06, 0.08
HSL	23°, 24%, 89%
HSV	23°, 6%, 92%
XYZ	74.1792, 77.1056, 79.3798
YIQ	227.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

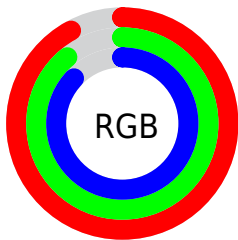
Format	Color
RYB	234, 229, 221
Decimal	15393501
CIELab	90.37, 1.85, 3.39
CIELCh	90, 3.867, 61.353
Yxy	77.1056, 0.3216, 0.3343
Android (android.graphics.Color)	4293583581 (0xFFEAE2DD)
YUV	227.8220, -3.3632, 5.4181
Hunter-Lab	87.8098, -2.8755, 7.8689

Details

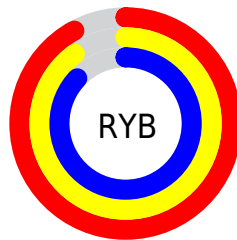
The XYZ color **74.1792, 77.1056, 79.3798** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6893, 77.3501, 88.9418**, and the grayscale version is **73.6351, 77.4699, 84.3647**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8059, 41.3440, 41.9586** is the 20% darker color. If you saturate the color by 10%, you get **67.5261, 68.4452, 62.8376**, and if you desaturate by 10%, it is **81.5998, 86.6037, 98.3235**.

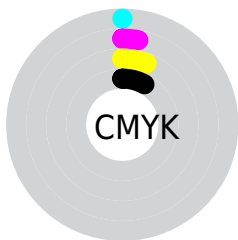
Distribution



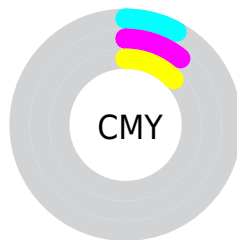
- Red (92%)
- Green (89%)
- Blue (87%)



- Red (92%)
- Yellow (90%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1792, 77.1056, 79.3798 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 74.1792, 77.1056, 79.3798 by changing the saturation by 10% instead.

■ 74.1792, 77.1056,
79.3798

■ 74.1792, 77.1056,
79.3798

464.1324,
485.1240, 512.4918

■ 55.2325, 57.3395,
58.6850

124.1439,
129.2885, 134.2969

■ 39.8225, 41.2779,
41.9412

155.8927,
162.4742, 169.3563

■ 27.5838, 28.5363,
28.7300

192.6396,
200.9019, 210.0409

■ 18.1510, 18.7303,
18.6329

234.7498,
244.9559, 256.7693

■ 11.1588, 11.4756,
11.2312

282.5889,
295.0208, 309.9601

■ 6.2418, 6.3877,
6.1064

336.5221,

■ 3.0347, 3.0822,

351.4808, 370.0317

2.8401

396.9148,
414.7204, 437.4028

■ 1.1722, 1.1748,
1.0136

■ 0.0842, 0.0410,
0.0000

■ 74.1792, 77.1056,
79.3798

■ 74.1792, 77.1056,
79.3798

■ 67.5261, 68.4452,
62.8376

■ 81.5998, 86.6037,
98.3235

■ 61.6081, 60.5891,
48.5952

■ 87.6754, 96.0993,
108.5358

■ 56.3999, 53.5165,
36.5507

■ 87.7421, 96.2326,
108.5580

■ 51.8722, 47.2016,
26.5929

■ 47.9935, 41.6173,
18.6004

■ 44.7294, 36.7347,
12.4393

■ 42.0419, 32.5225,
7.9588

■ 39.8876, 28.9463,
4.9832

■ 38.2152, 25.9675,
3.2968

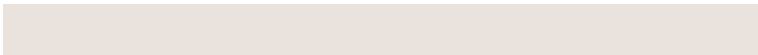
Harmonies

Analogous

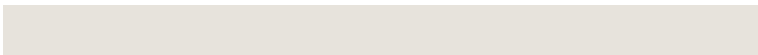
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8816, 77.1056, 81.2218



74.1792, 77.1056, 79.3798



73.2428, 77.1056, 78.7566

Triad

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



74.1792, 77.1056, 79.3798



71.4482, 77.1056, 84.0803



74.2557, 77.1056, 88.5725

Complementary

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



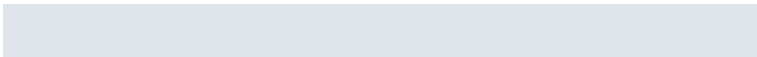
74.1792, 77.1056, 79.3798



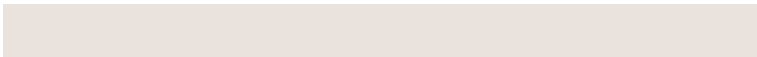
72.6893, 77.3501, 88.9418

Split Complementary

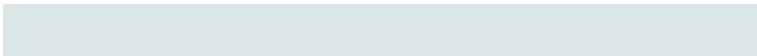
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3303, 77.1056, 89.3771



74.1792, 77.1056, 79.3798



71.7143, 77.1056, 86.7486

Square

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



74.1792, 77.1056, 79.3798



71.6712, 77.1056, 81.4344



72.4011, 77.1056, 88.7025



74.9261, 77.1056, 86.5269

Rectangle

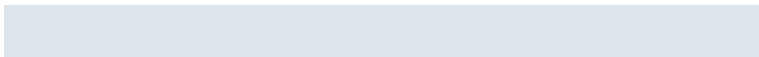
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



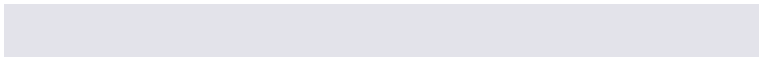
74.1792, 77.1056, 79.3798



72.6134, 77.1056, 79.1050



72.4011, 77.1056, 88.7025



73.9638, 77.1056, 88.9990

Sweetspot

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



74.1814, 77.1090, 79.3815



93.2471, 97.6907, 104.3018



73.9344, 74.8645, 84.6955



19.9776, 20.9341, 22.3730



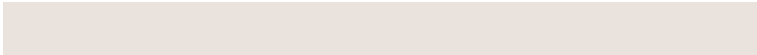
0.0000, 0.0000, 0.0000



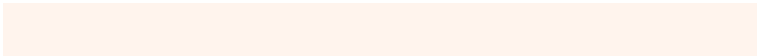
20.3446, 21.4041, 23.3091

Same Dimension

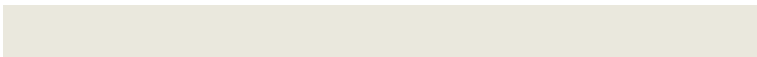
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1814, 77.1090, 79.3815



88.9050, 92.0972, 93.3265



75.9767, 80.6997, 79.9799



15.8210, 16.3681, 16.4894



21.2387, 14.1717, 1.6160



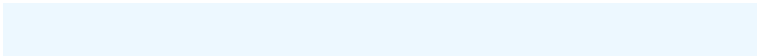
1.7584, 1.2941, 0.1571

Inverse Universe

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



72.6893, 77.3501, 88.9418



86.6322, 92.4645, 107.8892



70.9299, 73.8313, 88.3553



15.3848, 16.4386, 19.2844



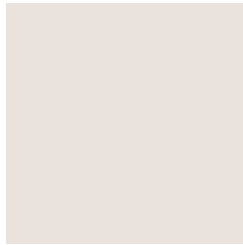
14.0692, 14.7854, 45.8553



1.1974, 1.3463, 3.6316

Previews

White Background



This preview shows how the XYZ color 74.1792, 77.1056, 79.3798 looks on a white background.

Color Contrast Check

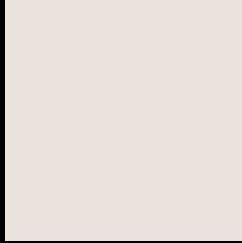
Large Text (above 18pt) WCAG AA × Fail

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 74.1792, 77.1056, 79.3798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

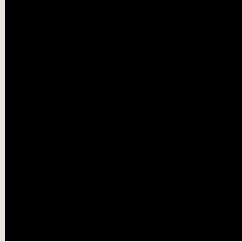
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

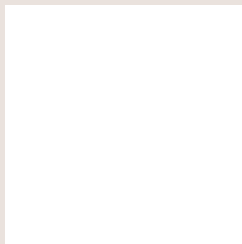
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1792, 77.1056, 79.3798

Background



This preview shows how black text looks on a background with the XYZ color 74.1792, 77.1056, 79.3798.



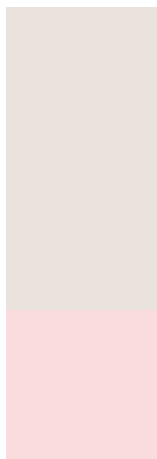
This preview shows how white text looks on a background with the XYZ color 74.1792, 77.1056,

79.3798.

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

74.1792, 77.1056, 79.3798

Protanopia

73.8518, 76.9368, 79.3645

Deuteranopia

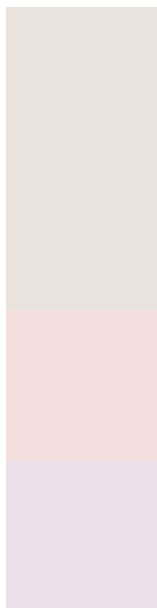
78.5617, 76.9696, 79.8232



Tritanopia

77.1899, 77.1308, 94.0385

Trichromacy



Original Color

74.1792, 77.1056, 79.3798

Protanomaly

73.8518, 76.9368, 79.3645

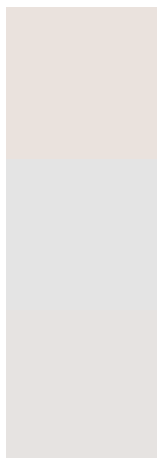
Deuteranomaly

76.9623, 76.9290, 79.8997

Tritanomaly

76.0990, 77.0847, 88.7099

Monochromacy



Original Color

74.1792, 77.1056, 79.3798

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.6928, 77.1974, 82.2507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1792, 77.1056, 79.3798 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(234, 226, 221) looks like.

```
.text, #text, p{  
    color:rgb(234, 226, 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(234, 226, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 226, 221) }
```

Border

The CSS property to change the border of an element to XYZ 74.1792, 77.1056, 79.3798 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(234, 226, 221) }
```


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

```
.border{ border-color:rgb(234, 226, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 226, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 226, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 226, 221); box-shadow:4px 4px 4px 4px rgb(234, 226, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1792, 77.1056, 79.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 226, 221) }
```

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

```
.background{ background-color: rgb(234,  
226, 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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