

Converting Colors

XYZ(74.5683, 77.2101, 78.4720)

Have a look what the booklet for
XYZ(74.5683, 77.2101, 78.4720)
contains.

XYZ(74.7067, 77.3929, 78.7110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.7067, 77.3929,
78.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE2DC
RGB	236, 226, 220
RGB Percent	93%, 89%, 86%
CMY	0.0745, 0.1137, 0.1372
CMYK	0.00, 0.04, 0.07, 0.07
HSL	23°, 30%, 89%
HSV	23°, 7%, 93%
XYZ	74.7067, 77.3929, 78.7110
YIQ	228.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

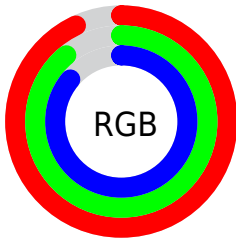
Format	Color
R _Y B	236, 230, 220
Decimal	15524572
CIE Lab	90.50, 2.37, 4.13
CIE LCh	91, 4.762, 60.100
Yxy	77.3929, 0.3237, 0.3353
Android (android.graphics.Color)	4293714652 (0xFFECE2DC)
YUV	228.3060, -4.0949, 6.7476
Hunter-Lab	87.9732, -2.3713, 8.5336

Details

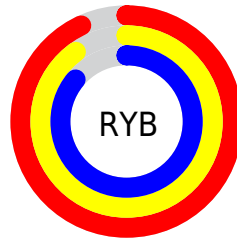
The XYZ color **74.7067, 77.3929, 78.7110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.9522, 77.8641, 90.5421**, and the grayscale version is **73.9936, 77.8471, 84.7754**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1768, 41.5457, 41.4989** is the 20% darker color. If you saturate the color by 10%, you get **67.9614, 68.5557, 62.1151**, and if you desaturate by 10%, it is **82.2424, 87.1030, 97.7492**.

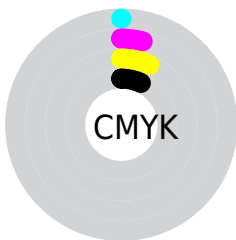
Distribution



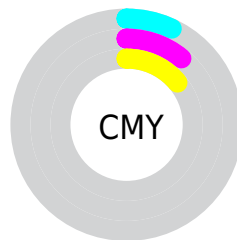
- Red (93%)
- Green (89%)
- Blue (86%)



- Red (93%)
- Yellow (90%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7067, 77.3929, 78.7110 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 74.7067, 77.3929, 78.7110 by changing the saturation by 10% instead.

74.7067, 77.3929,
78.7110

74.7067, 77.3929,
78.7110

465.9216,
486.1026, 510.1699

55.6660, 57.5754,
58.1383

124.8872,
129.6940, 133.3469

40.1711, 41.4674,
41.5044

156.7577,
162.9463, 168.2472

27.8568, 28.6845,
28.3908

193.6355,
201.4457, 208.7604

18.3576, 18.8423,
18.3788

235.8860,
245.5766, 255.3052

11.3083, 11.5564,
11.0501

283.8745,
295.7233, 308.3000

6.3434, 6.4424,
5.9859

337.9663,

3.0976, 3.1159,

352.2703, 368.1633

2.7679

398.5269,
415.6019, 435.3138

■ 1.2056, 1.1925,
0.9774

■ 0.1108, 0.0556,
0.0000

■ 74.7067, 77.3929,
78.7110

■ 74.7067, 77.3929,
78.7110

■ 67.9614, 68.5557,
62.1151

■ 82.2424, 87.1030,
97.7492

■ 61.9731, 60.5565,
47.8567

■ 88.4025, 96.5731,
108.5889

■ 56.7151, 53.3729,
35.8309

■ 52.1570, 46.9777,
25.9226

■ 48.2656, 41.3420,
18.0066

■ 45.0051, 36.4349,
11.9439

■ 42.3353, 32.2231,
7.5778

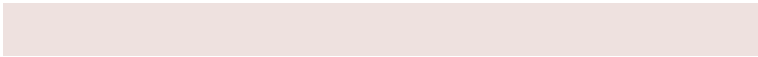
■ 40.2108, 28.6698,
4.7247

■ 38.5758, 25.7332,
3.1521

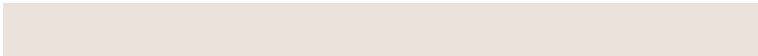
Harmonies

Analogous

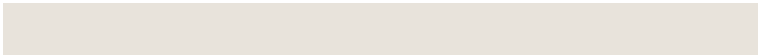
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5580, 77.3929, 81.0223



74.7067, 77.3929, 78.7110



73.5556, 77.3929, 77.8801

Triad

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



74.7067, 77.3929, 78.7110



71.2941, 77.3929, 84.2791



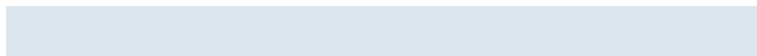
74.7137, 77.3929, 90.0680

Complementary

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



74.7067, 77.3929, 78.7110



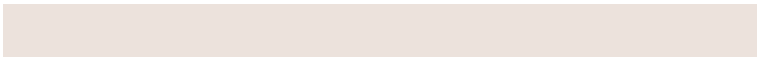
72.9522, 77.8641, 90.5421

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.



73.5636, 77.3929, 90.9954



74.7067, 77.3929, 78.7110



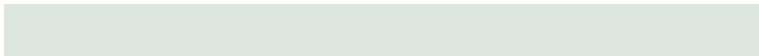
71.5968, 77.3929, 87.5986

Square

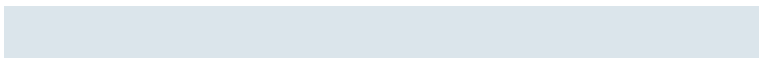
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7067, 77.3929, 78.7110



71.5929, 77.3929, 81.0416



72.4244, 77.3929, 90.0800



75.5621, 77.3929, 87.5783

Rectangle

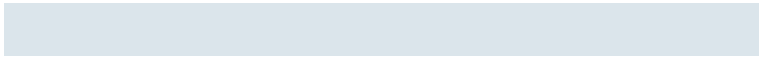
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7067, 77.3929, 78.7110



72.7757, 77.3929, 78.2596



72.4244, 77.3929, 90.0800



74.3491, 77.3929, 90.5758

Sweetspot

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



74.7089, 77.3963, 78.7127



93.2316, 97.6598, 104.2967



74.4879, 74.7411, 85.4626



19.9745, 20.9278, 22.3720



0.0000, 0.0000, 0.0000



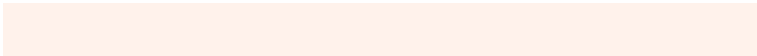
20.3446, 21.4041, 23.3091

Same Dimension

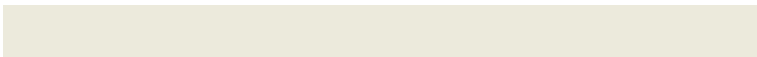
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7089, 77.3963, 78.7127



88.0059, 90.8915, 91.2000



76.8962, 81.7709, 79.4418



15.5286, 15.9802, 15.7848



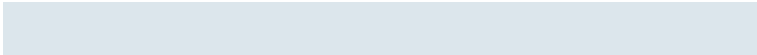
21.1314, 13.9570, 1.5802



1.7491, 1.2756, 0.1540

Inverse Universe

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



72.9522, 77.8641, 90.5421



85.5453, 91.5466, 107.7693



70.8133, 73.5863, 89.8291



15.0152, 16.1169, 19.2417



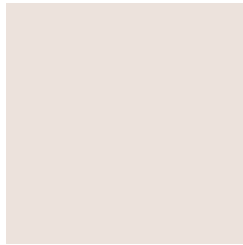
14.2628, 15.1727, 45.9199



1.2119, 1.3753, 3.6365

Previews

White Background



This preview shows how the XYZ color 74.7067, 77.3929, 78.7110 looks on a white background.

Color Contrast Check

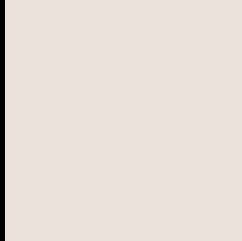
Large Text (above 18pt) WCAG AA × Fail

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 74.7067, 77.3929, 78.7110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

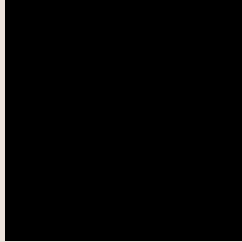
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

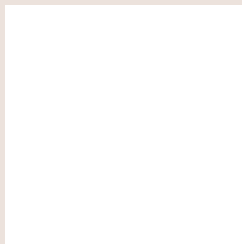
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7067, 77.3929, 78.7110

Background



This preview shows how black text looks on a background with the XYZ color 74.7067, 77.3929, 78.7110.

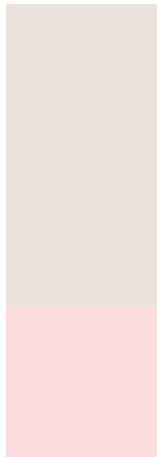


This preview shows how white text looks on a background with the XYZ color 74.7067, 77.3929,

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

74.7067, 77.3929, 78.7110

Protanopia

74.3190, 77.5979, 78.7710

Deuteranopia

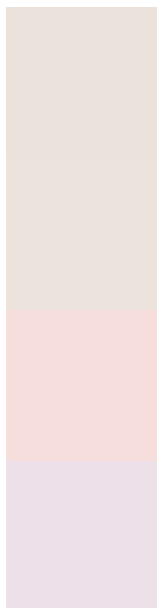
78.7892, 77.1023, 79.1362



Tritanopia

77.7125, 77.4173, 93.2852

Trichromacy



Original Color

74.7067, 77.3929, 78.7110

Protanomaly

74.6483, 77.7676, 78.7864

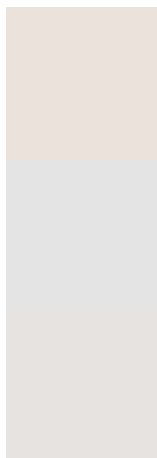
Deuteranomaly

77.1785, 77.0558, 79.2121

Tritanomaly

76.6235, 77.3716, 87.9865

Monochromacy



Original Color

74.7067, 77.3929, 78.7110

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.0147, 77.3633, 82.2658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7067, 77.3929, 78.7110 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, 226, 220) looks like.

```
.text, #text, p{  
    color:rgb(236, 226, 220)  
}
```

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, 226, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 226, 220) }
```

Border

The CSS property to change the border of an element to XYZ 74.7067, 77.3929, 78.7110 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, 226, 220) }
```


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

```
.border{ border-color:rgb(236, 226, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 226, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 226, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 226, 220);  
box-shadow:4px 4px 4px 4px rgb(236, 226,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7067, 77.3929, 78.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 226, 220) }
```

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

```
.background{ background-color: rgb(236,  
226, 220) }
```

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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