

Converting Colors

XYZ(74.8554, 76.9682, 76.5665)

Have a look what the booklet for
XYZ(74.8554, 76.9682, 76.5665)
contains.

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Color

**XYZ(75.0462, 77.2109,
76.5935)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE1D9
RGB	239, 225, 217
RGB Percent	94%, 88%, 85%
CMY	0.0627, 0.1176, 0.1490
CMYK	0.00, 0.06, 0.09, 0.06
HSL	22°, 41%, 89%
HSV	22°, 9%, 94%
XYZ	75.0462, 77.2109, 76.5935
YIQ	228.2740, 10.9120, 0.4800

Conversions

Conversions Part 2

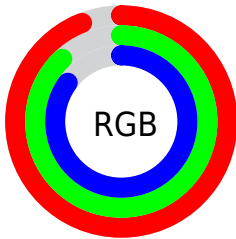
Format	Color
RYB	239, 230, 217
Decimal	15720921
CIELab	90.42, 3.43, 5.61
CIELCh	90, 6.575, 58.537
Yxy	77.2109, 0.3279, 0.3374
Android (android.graphics.Color)	4293911001 (0xFFEFE1D9)
YUV	228.2740, -5.5581, 9.4067
Hunter-Lab	87.8697, -1.3220, 9.8274

Details

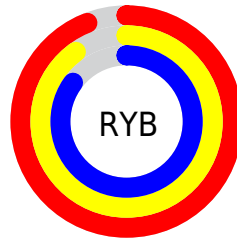
The XYZ color **75.0462, 77.2109, 76.5935** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7710, 78.1342, 92.9081**, and the grayscale version is **73.9790, 77.8316, 84.7587**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4248, 41.4254, 40.0477** is the 20% darker color. If you saturate the color by 10%, you get **68.2315, 68.2008, 60.0794**, and if you desaturate by 10%, it is **82.6815, 87.1400, 95.6041**.

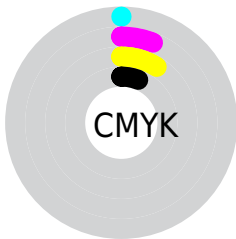
Distribution



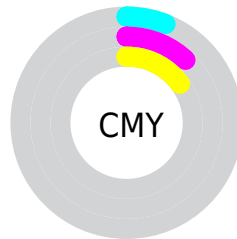
- Red (94%)
- Green (88%)
- Blue (85%)



- Red (94%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0462, 77.2109, 76.5935 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 75.0462, 77.2109, 76.5935 by changing the saturation by 10% instead.

75.0462, 77.2109,
76.5935

75.0462, 77.2109,
76.5935

467.0711,
485.4828, 502.7777

55.9450, 57.4260,
56.4097

125.3653,
129.4371, 130.3333

40.3957, 41.3473,
40.1253

157.3140,
162.6473, 164.7264

28.0328, 28.5906,
27.3217

194.2759,
201.1012, 204.6930

18.4910, 18.7713,
17.5804

236.6164,
245.1835, 250.6516

11.4049, 11.5052,
10.4829

284.7008,
295.2783, 303.0209

6.4091, 6.4077,
5.6105

338.8944,

3.1384, 3.0945,

351.7703, 362.2193

2.5448

399.5628,
415.0436, 428.6654

■ 1.2274, 1.1813,
0.8638

■ 0.1278, 0.0463,
0.0000

■ 75.0462, 77.2109,
76.5935

■ 75.0462, 77.2109,
76.5935

■ 68.2315, 68.2008,
60.0794

■ 82.6815, 87.1400,
95.6041

■ 62.2022, 60.0728,
45.9522

■ 89.4070, 97.0909,
108.6359

■ 56.9299, 52.8022,
34.1014

■ 52.3819, 46.3594,
24.4059

■ 48.5229, 40.7130,
16.7331

■ 45.3142, 35.8291,
10.9357

■ 42.7125, 31.6712,
6.8458

■ 40.6683, 28.1988,
4.2651

■ 39.1107, 25.3617,
2.8885

Harmonies

Analogous

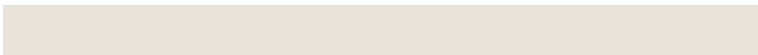
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1942, 77.2109, 79.8253



75.0462, 77.2109, 76.5935



73.4673, 77.2109, 75.3542

Triad

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



75.0462, 77.2109, 76.5935



70.2768, 77.2109, 83.8390



74.9046, 77.2109, 92.2622

Complementary

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



75.0462, 77.2109, 76.5935



72.7710, 78.1342, 92.9081

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.



73.3061, 77.2109, 93.4323



75.0462, 77.2109, 76.5935



70.6490, 77.2109, 88.4616

Square

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



75.0462, 77.2109, 76.5935



70.7276, 77.2109, 79.4398



71.7517, 77.2109, 92.0169



76.1116, 77.2109, 88.8758

Rectangle

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



75.0462, 77.2109, 76.5935



72.3879, 77.2109, 75.7882



71.7517, 77.2109, 92.0169



74.3945, 77.2109, 92.9332

Sweetspot

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



75.0483, 77.2143, 76.5952



92.3096, 96.4511, 102.0308



74.8767, 73.7640, 86.1161



19.6045, 20.4450, 21.4556



0.0000, 0.0000, 0.0000



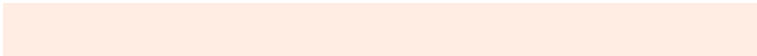
20.3446, 21.4041, 23.3091

Same Dimension

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



75.0483, 77.2143, 76.5952



85.4275, 87.4617, 85.0162



78.0311, 83.1797, 77.5894



16.2436, 16.7004, 16.5171



21.6667, 14.1315, 1.5857



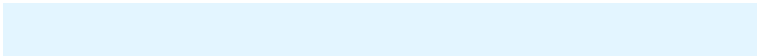
1.8940, 1.3586, 0.1624

Inverse Universe

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



72.7710, 78.1342, 92.9081



82.3031, 88.7233, 107.3952



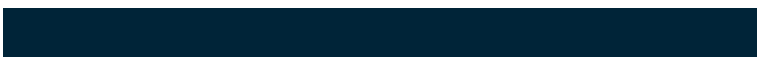
69.8683, 72.3289, 91.9406



15.7357, 16.9055, 20.1553



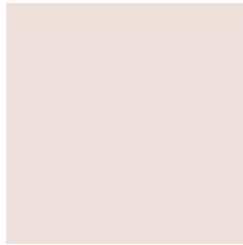
14.9479, 16.1201, 47.4515



1.3378, 1.5295, 3.9789

Previews

White Background



This preview shows how the XYZ color 75.0462, 77.2109, 76.5935 looks on a white background.

Color Contrast Check

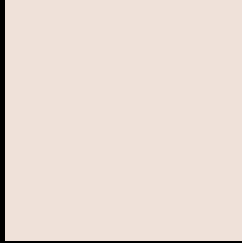
Large Text (above 18pt) WCAG AA × Fail

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 75.0462, 77.2109, 76.5935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

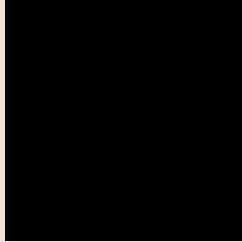
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

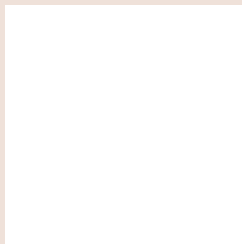
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0462, 77.2109, 76.5935

Background



This preview shows how black text looks on a background with the XYZ color 75.0462, 77.2109, 76.5935.

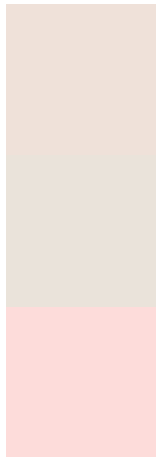


This preview shows how white text looks on a background with the XYZ color 75.0462, 77.2109,

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

75.0462, 77.2109, 76.5935

Protanopia

74.0557, 77.4926, 77.3841

Deuteranopia

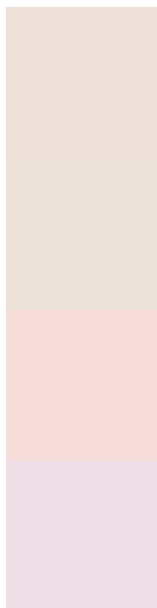
78.7561, 77.1310, 77.0665



Tritanopia

78.3192, 77.3518, 92.4639

Trichromacy



Original Color

75.0462, 77.2109, 76.5935

Protanomaly

74.4433, 77.2875, 77.3241

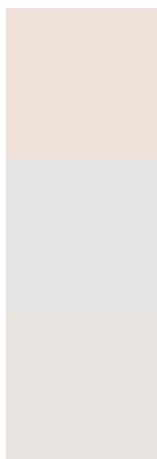
Deuteranomaly

77.4876, 77.2610, 77.1585

Tritanomaly

77.0871, 77.2456, 86.4483

Monochromacy



Original Color

75.0462, 77.2109, 76.5935

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2023, 77.4758, 81.5644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0462, 77.2109, 76.5935 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, 225, 217) looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 217)  
}
```

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, 225, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 217) }
```

Border

The CSS property to change the border of an element to XYZ 75.0462, 77.2109, 76.5935 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, 225, 217) }
```


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

```
.border{ border-color:rgb(239, 225, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 225, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 217);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0462, 77.2109, 76.5935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 225, 217) }
```

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

```
.background{ background-color: rgb(239,  
225, 217) }
```

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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