

Converting Colors

XYZ(67.7277, 73.4361, 58.1819)

Have a look what the booklet for
XYZ(67.7277, 73.4361, 58.1819)
contains.

XYZ(67.7277, 73.4361, 58.1819)	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(67.7277, 73.4361,
58.1819)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E0BC
RGB	228, 224, 188
RGB Percent	89%, 88%, 74%
CMY	0.1059, 0.1215, 0.2627
CMYK	0.00, 0.02, 0.18, 0.11
HSL	54°, 43%, 82%
HSV	54°, 18%, 89%
XYZ	67.7277, 73.4361, 58.1819
YIQ	221.0920, 13.9400, -10.3480

Conversions

Conversions Part 2

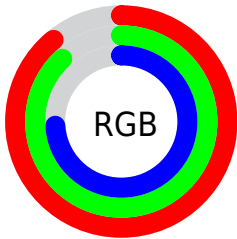
Format	Color
R _Y B	192, 228, 188
Decimal	14999740
CIE Lab	88.66, -4.51, 18.14
CIE LCh	89, 18.696, 103.948
Yxy	73.4361, 0.3397, 0.3684
Android (android.graphics.Color)	4293189820 (0xFFE4E0BC)
YUV	221.0920, -16.3144, 6.0583
Hunter-Lab	85.6949, -8.8911, 19.7319

Details

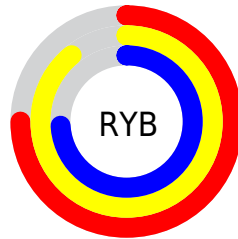
The XYZ color **67.7277, 73.4361, 58.1819** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.5922, 53.9911, 80.9962**, and the grayscale version is **68.8976, 72.4856, 78.9369**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **35.5744, 38.8959, 28.5544** is the 20% darker color. If you saturate the color by 10%, you get **64.8542, 71.3164, 46.0409**, and if you desaturate by 10%, it is **71.0016, 75.7341, 72.3739**.

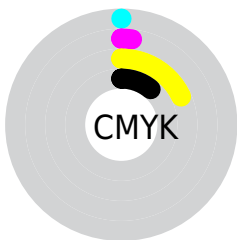
Distribution



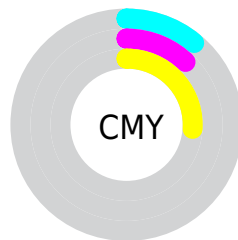
- Red (89%)
- Green (88%)
- Blue (74%)



- Red (75%)
- Yellow (89%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (18%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7277, 73.4361, 58.1819 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 67.7277, 73.4361, 58.1819 by changing the saturation by 10% instead.

67.7277, 73.4361,
58.1819

67.7277, 73.4361,
58.1819

441.9225,
472.5249, 435.4806

49.9491, 54.3326,
41.5392

115.0066,
124.0961, 103.7051

35.5906, 38.8677,
28.4178

145.2375,
156.4214, 133.4227

24.2868, 26.6568,
18.3991

180.3500,
193.9229, 168.3357

15.6724, 17.3156,
11.0645

220.7094,
236.9847, 208.8626

9.3820, 10.4598,
5.9955

266.6809,
285.9915, 255.4221

5.0503, 5.7049,
2.7736

318.6301,

2.3119, 2.6665,

341.3275, 308.4325

0.9802

376.9222,
403.3772, 368.3125

■ 0.8007, 0.9602,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.7277, 73.4361,
58.1819

■ 67.7277, 73.4361,
58.1819

■ 64.8542, 71.3164,
46.0409

■ 71.0016, 75.7341,
72.3739

■ 62.3572, 69.3578,
35.8504

■ 74.6872, 78.2074,
88.7016

■ 60.2188, 67.5557,
27.5085

■ 78.5757, 80.7752,
106.0575

■ 58.4176, 65.9014,
20.9021

■ 79.2167, 82.0572,
106.2712

■ 56.9297, 64.3854,
15.9059

■ 79.8660, 83.3558,
106.4876

■ 55.7281, 62.9968,
12.3777

■ 80.5237, 84.6712,
106.7069

■ 54.7811, 61.7228,
10.1504

■ 81.1898, 86.0033,
106.9289

■ 54.0458, 60.5463,
8.9989

■ 81.8643, 87.3523,
107.1537

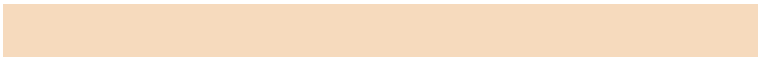
■ 53.8808, 60.2654,
8.7926

■ 82.5472, 88.7181,
107.3813

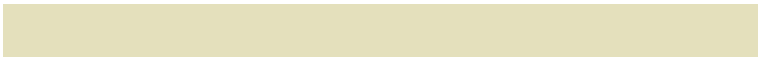
Harmonies

Analogous

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



72.2261, 73.4361, 58.3731



67.7277, 73.4361, 58.1819



63.9474, 73.4361, 63.3666

Triad

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



67.7277, 73.4361, 58.1819



63.7351, 73.4361, 98.4790



78.4756, 73.4361, 87.0307

Complementary

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



67.7277, 73.4361, 58.1819



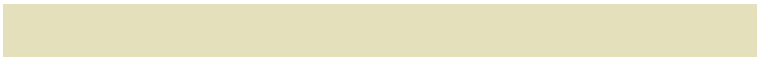
53.5922, 53.9911, 80.9962

Split Complementary

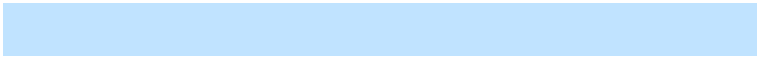
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9967, 73.4361, 99.2221



67.7277, 73.4361, 58.1819



67.4265, 73.4361, 106.3025

Square

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



67.7277, 73.4361, 58.1819



61.7104, 73.4361, 86.1015



71.9117, 73.4361, 106.5883



78.5648, 73.4361, 74.1167

Rectangle

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



67.7277, 73.4361, 58.1819



62.2887, 73.4361, 69.5329



71.9117, 73.4361, 106.5883



77.8895, 73.4361, 91.3794

Sweetspot

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



67.7296, 73.4394, 58.1835



92.6597, 98.3960, 98.3100



59.4934, 56.2672, 57.5952



19.7634, 21.0135, 20.7360



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.



67.7296, 73.4394, 58.1835



85.9129, 93.6529, 69.0850



63.9727, 73.1155, 58.3190



15.4721, 16.5582, 15.2850



31.1624, 34.8989, 5.0937



2.3386, 2.6504, 0.3883

Inverse Universe

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



53.5922, 53.9911, 80.9962



64.5227, 64.2282, 103.6043



56.8896, 54.4063, 80.9025



13.6981, 14.1175, 18.1473



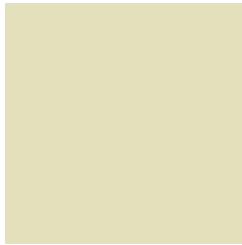
8.2997, 3.6616, 42.6525



0.6528, 0.3496, 3.1650

Previews

White Background



This preview shows how the XYZ color 67.7277, 73.4361, 58.1819 looks on a white background.

Color Contrast Check

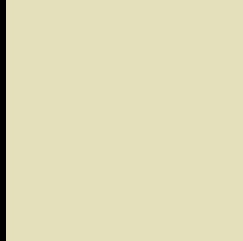
Large Text (above 18pt) WCAG AA × Fail

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 67.7277, 73.4361, 58.1819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

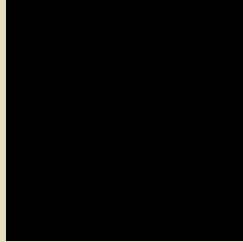
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.7277, 73.4361, 58.1819

Background



This preview shows how black text looks on a background with the XYZ color 67.7277, 73.4361, 58.1819.



This preview shows how white text looks on a background with the XYZ color 67.7277, 73.4361,

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

67.7277, 73.4361, 58.1819

Protanopia

69.3519, 73.4926, 57.5440

Deuteranopia

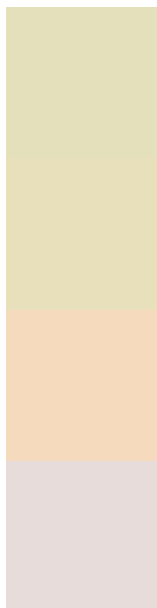
74.6905, 73.1147, 59.4662



Tritanopia

73.7399, 73.1163, 88.8236

Trichromacy



Original Color

67.7277, 73.4361, 58.1819

Protanomaly

68.6360, 73.5190, 57.5868

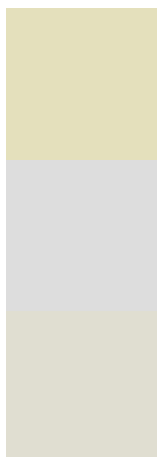
Deuteranomaly

72.0219, 73.2730, 59.0623

Tritanomaly

71.5268, 73.4042, 76.7282

Monochromacy



Original Color

67.7277, 73.4361, 58.1819

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.3704, 72.6933, 70.7493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7277, 73.4361, 58.1819 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(228, 224, 188)` looks like.

```
.text, #text, p{  
    color:rgb(228, 224, 188)  
}
```

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(228, 224, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 224, 188) }
```

Border

The CSS property to change the border of an element to XYZ 67.7277, 73.4361, 58.1819 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(228, 224, 188) }
```


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

```
.border{ border-color:rgb(228, 224, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 224, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 224, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 224, 188);  
box-shadow:4px 4px 4px 4px rgb(228, 224,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7277, 73.4361, 58.1819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 224, 188) }
```

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

```
.background{ background-color: rgb(228,  
224, 188) }
```

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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