

Converting Colors

XYZ(67.3307, 73.5640, 59.9999)

Have a look what the booklet for
XYZ(67.3307, 73.5640, 59.9999)
contains.

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Color

**XYZ(67.3805, 73.6196,
59.9489)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E1BF
RGB	225, 225, 191
RGB Percent	88%, 88%, 75%
CMY	0.1176, 0.1176, 0.2510
CMYK	0.00, 0.00, 0.15, 0.12
HSL	60°, 36%, 82%
HSV	60°, 15%, 88%
XYZ	67.3805, 73.6196, 59.9489
YIQ	221.1240, 10.9140, -10.5740

Conversions

Conversions Part 2

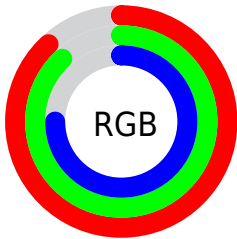
Format	Color
RYB	191, 225, 191
Decimal	14803391
CIELab	88.74, -5.65, 16.67
CIELCh	89, 17.599, 108.714
Yxy	73.6196, 0.3353, 0.3664
Android (android.graphics.Color)	4292993471 (0xFFE1E1BF)
YUV	221.1240, -14.8511, 3.3993
Hunter-Lab	85.8019, -9.9766, 18.6360

Details

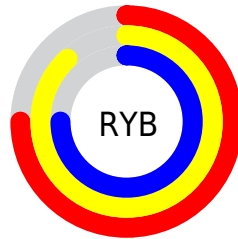
The XYZ color **67.3805, 73.6196, 59.9489** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.7102, 53.7762, 78.7873**, and the grayscale version is **68.9117, 72.5004, 78.9530**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **35.5397, 39.1305, 29.7245** is the 20% darker color. If you saturate the color by 10%, you get **65.0919, 72.7065, 47.8942**, and if you desaturate by 10%, it is **70.0535, 74.6914, 74.0103**.

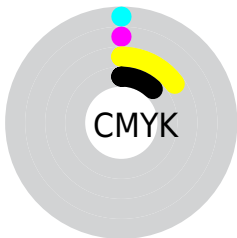
Distribution



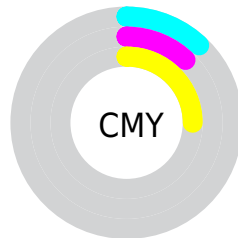
- Red (88%)
- Green (88%)
- Blue (75%)



- Red (75%)
- Yellow (88%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3805, 73.6196, 59.9489 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 67.3805, 73.6196, 59.9489 by changing the saturation by 10% instead.

67.3805, 73.6196,
59.9489

67.3805, 73.6196,
59.9489

440.7092,
473.1594, 442.2088

49.6657, 54.4828,
42.9524

114.5122,
124.3564, 106.2982

35.3646, 38.9877,
29.5167

144.6600,
156.7252, 136.4881

24.1117, 26.7502,
19.2231

179.6827,
194.2734, 171.9128

15.5417, 17.3857,
11.6531

219.9458,
237.3854, 212.9910

9.2892, 10.5099,
6.3883

265.8146,
286.4456, 260.1412

4.9889, 5.7383,
3.0100

317.6546,

2.2754, 2.6866,

341.8384, 313.7818

1.0998

375.8310,
403.9482, 374.3315

■ 0.7821, 0.9704,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.3805, 73.6196,
59.9489

■ 67.3805, 73.6196,
59.9489

■ 65.0919, 72.7065,
47.8942

■ 70.0535, 74.6914,
74.0103

■ 63.1645, 71.9354,
37.7502

■ 73.1212, 75.9186,
90.1590

■ 61.5817, 71.3022,
29.4205

■ 76.0315, 77.0828,
105.4789

■ 60.3230, 70.7986,
22.7979

■ 76.0325, 77.0834,
105.4790

■ 59.3661, 70.4157,
17.7645

■ 76.0336, 77.0839,
105.4790

■ 58.6857, 70.1434,
14.1871

■ 76.0346, 77.0845,
105.4791

■ 58.2524, 69.9700,
11.9110

■ 76.0357, 77.0850,
105.4791

■ 58.0302, 69.8810,
10.7464

■ 76.0368, 77.0855,
105.4792

■ 57.9693, 69.8565,
10.4284

■ 76.0378, 77.0861,
105.4792

Harmonies

Analogous

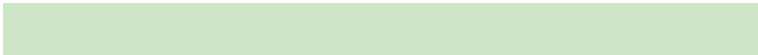
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5869, 73.6196, 59.3038



67.3805, 73.6196, 59.9489



64.0028, 73.6196, 65.6694

Triad

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



67.3805, 73.6196, 59.9489



64.7117, 73.6196, 99.0899



78.3085, 73.6196, 84.8336

Complementary

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



67.3805, 73.6196, 59.9489



53.7102, 53.7762, 78.7873

Split Complementary

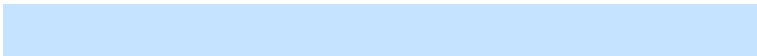
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3039, 73.6196, 96.6376



67.3805, 73.6196, 59.9489



68.3840, 73.6196, 105.4073

Square

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



67.3805, 73.6196, 59.9489



62.5056, 73.6196, 87.9158



72.6316, 73.6196, 104.4669



78.0131, 73.6196, 72.8729

Rectangle

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



67.3805, 73.6196, 59.9489



62.6222, 73.6196, 71.9492



72.6316, 73.6196, 104.4669



77.8781, 73.6196, 88.9712

Sweetspot

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



67.3825, 73.6228, 59.9505



93.0639, 99.2055, 98.4450



59.0885, 57.0326, 57.1854



19.8621, 21.2111, 20.7689



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.



67.3825, 73.6228, 59.9505



88.5185, 97.3871, 74.5187



62.3444, 71.0256, 59.7147



14.8716, 16.0295, 14.6170



33.4027, 40.2522, 6.0090



2.3154, 2.7901, 0.4165

Inverse Universe

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



53.7102, 53.7762, 78.7873



67.1998, 66.4409, 103.8903



58.2361, 56.1094, 78.9991



12.9523, 13.2434, 17.2613



7.8319, 3.1328, 41.2403



0.5429, 0.2172, 2.8585

Previews

White Background



This preview shows how the XYZ color 67.3805, 73.6196, 59.9489 looks on a white background.

Color Contrast Check

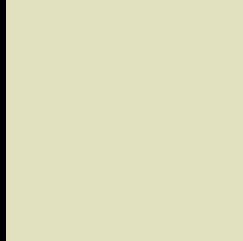
Large Text (above 18pt) WCAG AA × Fail

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 67.3805, 73.6196, 59.9489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

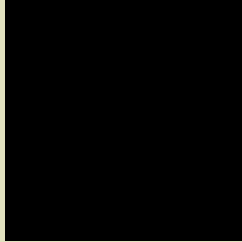
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

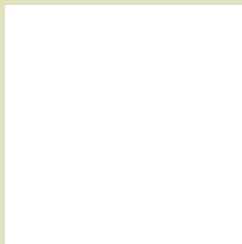
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3805, 73.6196, 59.9489

Background



This preview shows how black text looks on a background with the XYZ color 67.3805, 73.6196, 59.9489.



This preview shows how white text looks on a background with the XYZ color 67.3805, 73.6196,

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

67.3805, 73.6196, 59.9489

Protanopia

69.3472, 73.4527, 59.2380

Deuteranopia

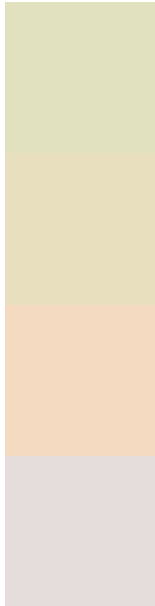
74.9122, 73.2034, 60.6334



Tritanopia

73.4268, 73.7081, 89.7140

Trichromacy



Original Color

67.3805, 73.6196, 59.9489

Protanomaly

68.6369, 73.4820, 59.2811

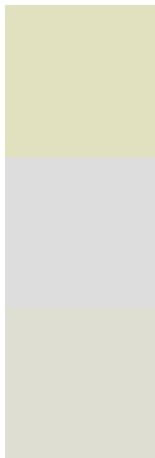
Deuteranomaly

71.8941, 73.1817, 60.2054

Tritanomaly

71.0878, 73.5382, 78.1577

Monochromacy



Original Color

67.3805, 73.6196, 59.9489

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.8783, 72.4253, 71.3747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3805, 73.6196, 59.9489 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(225, 225, 191)` looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 191)  
}
```

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(225, 225, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 191) }
```

Border

The CSS property to change the border of an element to XYZ 67.3805, 73.6196, 59.9489 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(225, 225, 191) }
```


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

```
.border{ border-color:rgb(225, 225, 191) }
```

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

Here you see how a box with a 4 pixel rgb(225, 225, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 225, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 225, 191);  
box-shadow:4px 4px 4px 4px rgb(225, 225,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3805, 73.6196, 59.9489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 191) }
```

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

```
.background{ background-color: rgb(225,  
225, 191) }
```

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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