

Converting Colors

XYZ(73.3395, 78.4394, 66.9162)

Have a look what the booklet for
XYZ(73.3395, 78.4394, 66.9162)
contains.

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Color

**XYZ(73.5496, 78.6908,
67.1895)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE6CA
RGB	236, 230, 202
RGB Percent	93%, 90%, 79%
CMY	0.0745, 0.0980, 0.2078
CMYK	0.00, 0.03, 0.14, 0.07
HSL	49°, 47%, 86%
HSV	49°, 14%, 93%
XYZ	73.5496, 78.6908, 67.1895
YIQ	228.6020, 12.5640, -7.4360

Conversions

Conversions Part 2

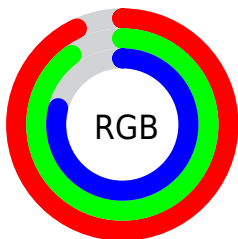
Format	Color
RYB	209, 236, 202
Decimal	15525578
CIELab	91.09, -2.57, 14.37
CIELCh	91, 14.601, 100.149
Yxy	78.6908, 0.3352, 0.3586
Android (android.graphics.Color)	4293715658 (0xFFECE6CA)
YUV	228.6020, -13.1148, 6.4880
Hunter-Lab	88.7078, -7.2405, 17.1878

Details

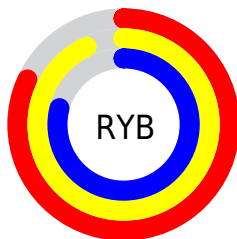
The XYZ color **73.5496, 78.6908, 67.1895** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.0532, 63.7232, 88.3869**, and the grayscale version is **74.2724, 78.1403, 85.0948**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4977, 42.5014, 34.1388** is the 20% darker color. If you saturate the color by 10%, you get **69.8227, 75.3717, 53.1994**, and if you desaturate by 10%, it is **77.7357, 82.2431, 83.4428**.

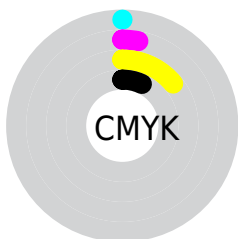
Distribution



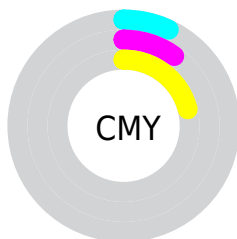
- Red (93%)
- Green (90%)
- Blue (79%)



- Red (82%)
- Yellow (93%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5496, 78.6908, 67.1895 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 73.5496, 78.6908, 67.1895 by changing the saturation by 10% instead.

73.5496, 78.6908,
67.1895

73.5496, 78.6908,
67.1895

461.9918,
490.5097, 469.1388

54.7155, 58.6416,
48.7761

123.2561,
131.5235, 116.8351

39.4069, 42.3247,
34.0775

154.8591,
165.0758, 148.9044

27.2586, 29.3556,
22.6753

191.4491,
203.8979, 186.3627

17.9051, 19.3500,
14.1509

233.3915,
248.3742, 229.6286

10.9811, 11.9235,
8.0858

281.0516,
298.8892, 279.1207

6.1214, 6.6916,
4.0613

334.7948,

2.9604, 3.2700,

355.8272, 335.2573

1.6590

394.9864,
419.5725, 398.4572

■ 1.1328, 1.2743,
0.3324

■ 0.0523, 0.1211,
0.0000

■ 73.5496, 78.6908,
67.1895

■ 73.5496, 78.6908,
67.1895

■ 69.8227, 75.3717,
53.1994

■ 77.7357, 82.2431,
83.4428

■ 66.5293, 72.2673,
41.3656

■ 82.3931, 86.0258,
102.0499

■ 63.6503, 69.3722,
31.5799

■ 84.5406, 88.8494,
107.3016

■ 61.1630, 66.6772,
23.7228

■ 85.7967, 91.3616,
107.7203

■ 59.0419, 64.1717,
17.6623

■ 87.0811, 93.9306,
108.1485

■ 57.2589, 61.8441,
13.2500

■ 88.3942, 96.5566,
108.5862

■ 55.7809, 59.6809,
10.3135

■ 88.4024, 96.5730,
108.5889

■ 54.5678, 57.6656,
8.6421

■ 53.9704, 56.5890,
8.0782

Harmonies

Analogous

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



77.2294, 78.6908, 67.9490



73.5496, 78.6908, 67.1895



70.3097, 78.6908, 71.0641

Triad

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



73.5496, 78.6908, 67.1895



69.4983, 78.6908, 99.4665



81.6695, 78.6908, 92.7704

Complementary

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



73.5496, 78.6908, 67.1895



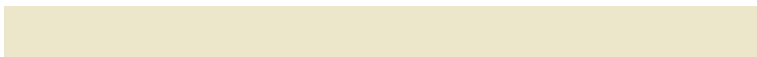
62.0532, 63.7232, 88.3869

Split Complementary

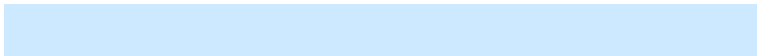
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4635, 78.6908, 102.1760



73.5496, 78.6908, 67.1895



72.4089, 78.6908, 106.2569

Square

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



73.5496, 78.6908, 67.1895



68.0221, 78.6908, 89.3127



76.0508, 78.6908, 107.2873



81.9994, 78.6908, 82.1489

Rectangle

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



73.5496, 78.6908, 67.1895



68.8048, 78.6908, 75.9564



76.0508, 78.6908, 107.2873



81.1194, 78.6908, 96.2019

Sweetspot

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



73.5517, 78.6943, 67.1912



92.8798, 98.2182, 100.2889



67.1275, 64.6406, 68.7651



19.7949, 20.9521, 21.1302



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.



73.5517, 78.6943, 67.1912



86.4493, 92.7354, 75.3995



71.7811, 80.3011, 67.5946



16.1129, 17.1488, 15.9795



29.8351, 31.3644, 4.4815



2.4020, 2.5813, 0.3716

Inverse Universe

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



62.0532, 63.7232, 88.3869



70.5088, 71.9816, 104.7854



63.6348, 62.4096, 88.0499



14.4459, 14.9783, 19.0520



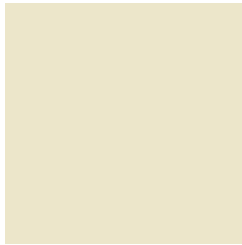
8.8601, 4.3672, 44.1189



0.7578, 0.4671, 3.4851

Previews

White Background



This preview shows how the XYZ color 73.5496, 78.6908, 67.1895 looks on a white background.

Color Contrast Check

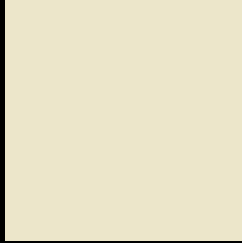
Large Text (above 18pt) WCAG AA × Fail

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 73.5496, 78.6908, 67.1895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

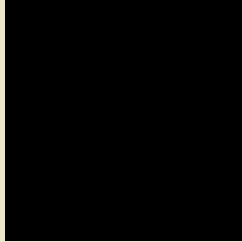
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5496, 78.6908, 67.1895

Background



This preview shows how black text looks on a background with the XYZ color 73.5496, 78.6908, 67.1895.



This preview shows how white text looks on a background with the XYZ color 73.5496, 78.6908,

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

73.5496, 78.6908, 67.1895

Protanopia

74.4971, 78.7809, 66.5382

Deuteranopia

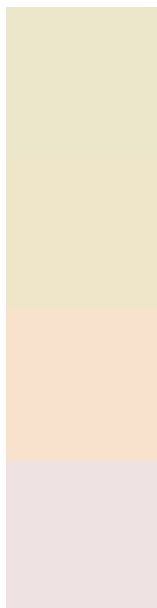
79.1363, 78.6388, 71.3295



Tritanopia

78.9583, 78.4229, 94.9800

Trichromacy



Original Color

73.5496, 78.6908, 67.1895

Protanomaly

74.1585, 78.6064, 66.5223

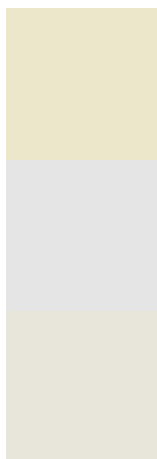
Deuteranomaly

77.0483, 78.8054, 69.5426

Tritanomaly

76.6581, 78.2895, 83.7441

Monochromacy



Original Color

73.5496, 78.6908, 67.1895

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.0842, 78.3089, 78.2283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5496, 78.6908, 67.1895 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, 230, 202) looks like.

```
.text, #text, p{  
    color:rgb(236, 230, 202)  
}
```

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, 230, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 230, 202) }
```

Border

The CSS property to change the border of an element to XYZ 73.5496, 78.6908, 67.1895 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, 230, 202) }
```


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

```
.border{ border-color:rgb(236, 230, 202) }
```

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

Here you see how a box with a 4 pixel rgb(236, 230, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 230, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 230, 202);  
box-shadow:4px 4px 4px 4px rgb(236, 230,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5496, 78.6908, 67.1895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 230, 202) }
```

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

```
.background{ background-color: rgb(236,  
230, 202) }
```

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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