

Converting Colors

XYZ(44.1161, 34.1295, 55.8969)

Have a look what the booklet for
XYZ(44.1161, 34.1295, 55.8969)
contains.

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Color

**XYZ(43.9700, 33.9806,
55.8712)**

Conversions

Conversions Part 1

Format	Color
Hex	CF85C3
RGB	207, 133, 195
RGB Percent	81%, 52%, 76%
CMY	0.1882, 0.4784, 0.2353
CMYK	0.00, 0.36, 0.06, 0.19
HSL	310°, 44%, 67%
HSV	310°, 36%, 81%
XYZ	43.9700, 33.9806, 55.8712
YIQ	162.1940, 24.2020, 34.9700

Conversions

Conversions Part 2

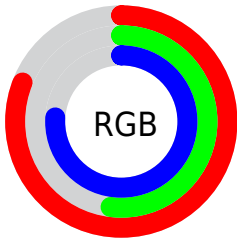
Format	Color
R_{YB}	207, 133, 195
Decimal	13600195
CIE Lab	64.95, 37.79, -20.55
CIE LCh	65, 43.019, 331.460
Yxy	33.9806, 0.3286, 0.2539
Android (android.graphics.Color)	4291790275 (0xFFCF85C3)
YUV	162.1940, 16.1734, 39.2949
Hunter-Lab	58.2929, 32.6290, -16.0219

Details

The XYZ color **43.9700, 33.9806, 55.8712** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.0980, 51.6576, 34.8058**, and the grayscale version is **34.3531, 36.1422, 39.3588**.

A 20% lighter version of the original color is **76.5810, 63.8289, 100.3794**, and **20.5875, 14.5370, 26.9201** is the 20% darker color. If you saturate the color by 10%, you get **41.0353, 28.7113, 53.0415**, and if you desaturate by 10%, it is **47.4738, 40.3733, 58.9334**.

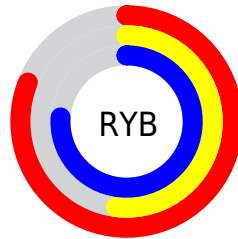
Distribution



Red (81%)

Green (52%)

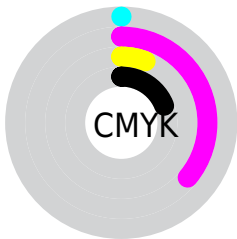
Blue (76%)



Red (81%)

Yellow (52%)

Blue (76%)

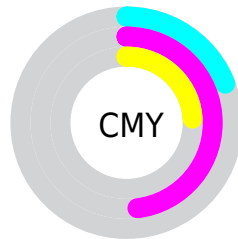


Cyan (0%)

Magenta (36%)

Yellow (6%)

Black (19%)



Cyan (19%)


Magenta (48%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9700, 33.9806, 55.8712 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 43.9700, 33.9806, 55.8712 by changing the saturation by 10% instead.


 43.9700, 33.9806,
55.8712

 43.9700, 33.9806,
55.8712


353.4401,
320.0455, 426.5806

 30.8447, 22.8787,
39.6964


 80.4192, 65.9035,
100.3001

 20.6319, 14.5040,
26.9899

 104.4739, 87.4933,
129.3913

 12.9661, 8.4720,
17.3333

 132.9024,
113.3478, 163.6251

 7.4821, 4.3984,
10.3079

166.0701,
143.8515, 203.4199

 3.8144, 1.8988,
5.4953

204.3424,
179.3887, 249.1943

 1.5977, 0.5477,
2.4769

248.0846,

 0.3909, 0.0000,

220.3439, 301.3668

0.8279

297.6620,
267.1013, 360.3561

■ 0.0000, 0.0000,
0.0000

■ 43.9700, 33.9806,
55.8712

■ 43.9700, 33.9806,
55.8712

■ 41.0353, 28.7113,
53.0415

■ 47.4738, 40.3733,
58.9334

■ 38.6335, 24.4948,
50.4309

■ 51.5738, 47.9452,
62.2364

■ 36.7292, 21.2597,
48.0277

■ 56.2993, 56.7542,
65.7905

■ 35.2812, 18.9240,
45.8179

■ 61.6765, 66.8528,
69.6048

■ 34.2418, 17.3922,
43.7853

■ 67.7303, 78.2906,
73.6878

■ 33.5520, 16.5463,
41.9100

■ 73.7766, 89.6992,
77.8117

■ 33.3170, 16.2994,
41.1441

■ 74.2129, 89.8737,
80.1092

■ 74.6581, 90.0518,
82.4538

■ 75.1123, 90.2335,
84.8454

Harmonies

Analogous

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



38.9422, 33.9806, 74.5297



43.9700, 33.9806, 55.8712



45.7726, 33.9806, 36.1344

Triad

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



43.9700, 33.9806, 55.8712



31.9942, 33.9806, 12.2531



23.1413, 33.9806, 57.8816

Complementary

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



43.9700, 33.9806, 55.8712



37.0980, 51.6576, 34.8058

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.



21.7665, 33.9806, 37.8774



43.9700, 33.9806, 55.8712



26.4553, 33.9806, 14.8155

Square

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



43.9700, 33.9806, 55.8712



38.3481, 33.9806, 14.3471



22.8985, 33.9806, 22.9417



26.9194, 33.9806, 75.9284

Rectangle

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



43.9700, 33.9806, 55.8712



44.7404, 33.9806, 25.8406



22.8985, 33.9806, 22.9417



22.4063, 33.9806, 50.9806

Sweetspot

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



43.9711, 33.9821, 55.8719



86.0216, 83.1013, 102.3200



31.1707, 27.2201, 62.6434



18.1930, 17.3789, 21.7347



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.



43.9711, 33.9821, 55.8719



66.7368, 47.7451, 85.9858



40.3703, 32.5418, 36.9105



12.2250, 11.9747, 14.4607



21.0206, 10.2811, 26.0781



1.1979, 0.5839, 1.5768

Inverse Universe

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



43.9711, 33.9821, 55.8719



66.7368, 47.7451, 85.9858



40.3378, 52.9536, 51.8662



12.2250, 11.9747, 14.4607



21.0206, 10.2811, 26.0781



1.1979, 0.5839, 1.5768

Previews

White Background



This preview shows how the XYZ color 43.9700, 33.9806, 55.8712 looks on a white background.

Color Contrast Check

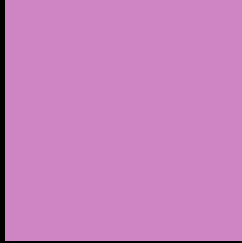
Large Text (above 18pt) WCAG AA × Fail

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 43.9700, 33.9806, 55.8712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

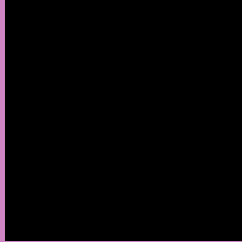
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9700, 33.9806, 55.8712

Background



This preview shows how black text looks on a background with the XYZ color 43.9700, 33.9806, 55.8712.



This preview shows how white text looks on a background with the XYZ color 43.9700, 33.9806,

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

43.9700, 33.9806, 55.8712

Protanopia

34.9275, 34.2812, 67.0634

Deuteranopia

34.8642, 34.0409, 54.0232



Tritanopia

39.5495, 33.8733, 34.1595

Trichromacy



Original Color

43.9700, 33.9806, 55.8712

Protanomaly

37.4564, 33.7430, 62.9314

Deuteranomaly

37.4725, 33.4775, 54.3560

Tritanomaly

41.0582, 33.8415, 41.4138

Monochromacy



Original Color

43.9700, 33.9806, 55.8712

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.0667, 34.6542, 44.7797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9700, 33.9806, 55.8712 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(207, 133, 195)` looks like.

```
.text, #text, p{  
    color:rgb(207, 133, 195)  
}
```

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(207, 133, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 133, 195) }
```

Border

The CSS property to change the border of an element to XYZ 43.9700, 33.9806, 55.8712 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(207, 133, 195) }
```


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

```
.border{ border-color:rgb(207, 133, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 133, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 133, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 133, 195);  
box-shadow:4px 4px 4px 4px rgb(207, 133,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9700, 33.9806, 55.8712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 133, 195) }
```

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

```
.background{ background-color: rgb(207,  
133, 195) }
```

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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