

Converting Colors

XYZ(43.3580, 33.4357, 58.9386)

Have a look what the booklet for
XYZ(43.3580, 33.4357, 58.9386)
contains.

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Color

**XYZ(43.3052, 33.3692,
58.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	CB84C8
RGB	203, 132, 200
RGB Percent	80%, 52%, 78%
CMY	0.2039, 0.4823, 0.2157
CMYK	0.00, 0.35, 0.01, 0.20
HSL	303°, 41%, 66%
HSV	303°, 35%, 80%
XYZ	43.3052, 33.3692, 58.8020
YIQ	160.9810, 20.4880, 36.2000

Conversions

Conversions Part 2

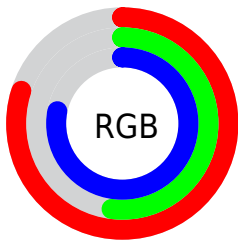
Format	Color
R_{YB}	203, 132, 200
Decimal	13337800
CIE _{Lab}	64.46, 37.94, -24.15
CIE _{LCh}	64, 44.971, 327.523
Yxy	33.3692, 0.3197, 0.2463
Android (android.graphics.Color)	4291527880 (0xFFCB84C8)
YUV	160.9810, 19.2364, 36.8507
Hunter-Lab	57.7661, 32.7245, -19.9170

Details

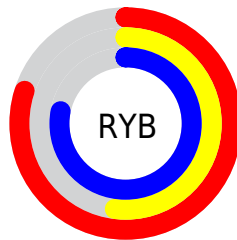
The XYZ color **43.3052, 33.3692, 58.8020** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.2463, 49.3678, 30.5949**, and the grayscale version is **33.7753, 35.5342, 38.6967**.

A 20% lighter version of the original color is **76.8489, 63.5978, 102.8330**, and **20.3435, 14.2561, 28.8736** is the 20% darker color. If you saturate the color by 10%, you get **40.7160, 28.3501, 57.4459**, and if you desaturate by 10%, it is **46.4327, 39.4627, 60.3410**.

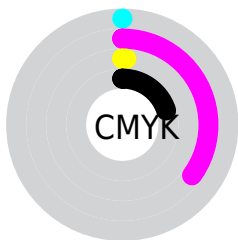
Distribution



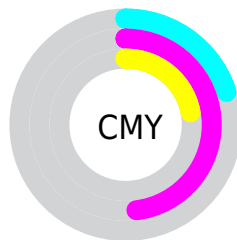
- Red (80%)
- Green (52%)
- Blue (78%)



- Red (80%)
- Yellow (52%)
- Blue (78%)



- Cyan (0%)
- Magenta (35%)
- Yellow (1%)
- Black (20%)





- Cyan (20%)
- Magenta (48%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3052, 33.3692, 58.8020 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 43.3052, 33.3692, 58.8020 by changing the saturation by 10% instead.


 43.3052, 33.3692,
58.8020


 43.3052, 33.3692,
58.8020

350.7657,
317.3101, 437.8492


 30.3202, 22.4094,
42.0348


 79.4241, 64.9515,
104.6161

 20.2310, 14.1580,
28.8028


 103.2886, 86.3428,
134.5001

 12.6723, 8.2307,
18.6874


 131.5105,
111.9801, 169.5935

 7.2787, 4.2429,
11.2701

164.4549,
142.2478, 210.3147

 3.6849, 1.8103,
6.1323

202.4873,
177.5303, 257.0823

 1.5255, 0.4936,
2.8556

245.9730,

 0.3431, 0.0000,

218.2119, 310.3149

1.0214

295.2773,
264.6770, 370.4310

■ 0.0000, 0.0000,
0.0000

■ 43.3052, 33.3692,
58.8020

■ 43.3052, 33.3692,
58.8020

■ 40.7160, 28.3501,
57.4459

■ 46.4327, 39.4627,
60.3410

■ 38.6306, 24.3386,
56.2602

■ 50.1240, 46.6834,
62.0703

■ 37.0159, 21.2673,
55.2341

■ 54.4068, 55.0862,
63.9996

■ 35.8329, 19.0588,
54.3548

■ 59.3060, 64.7210,
66.1372

■ 35.0370, 17.6233,
53.6072

■ 64.8451, 75.6347,
68.4908

■ 34.5734, 16.8517,
52.9731

■ 71.0465, 87.8719,
71.0680

■ 34.4140, 16.6107,
52.6800

■ 71.5303, 88.6732,
71.7422

■ 71.6349, 88.7151,
72.2927

■ 71.7400, 88.7571,
72.8463

Harmonies

Analogous

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



37.7664, 33.3692, 77.5427



43.3052, 33.3692, 58.8020



45.7091, 33.3692, 37.8821

Triad

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



43.3052, 33.3692, 58.8020



32.2527, 33.3692, 11.2300



21.9846, 33.3692, 55.2304

Complementary

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



43.3052, 33.3692, 58.8020



35.2463, 49.3678, 30.5949

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.



20.9177, 33.3692, 34.8274



43.3052, 33.3692, 58.8020



26.3497, 33.3692, 13.1423

Square

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



43.3052, 33.3692, 58.8020



38.8136, 33.3692, 13.9330



22.4049, 33.3692, 20.4706



25.5418, 33.3692, 75.0385

Rectangle

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



43.3052, 33.3692, 58.8020



44.9970, 33.3692, 26.6989



22.4049, 33.3692, 20.4706



21.3456, 33.3692, 48.0448

Sweetspot

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



43.3063, 33.3707, 58.8027



87.2748, 84.7265, 105.4547



28.9224, 25.9146, 59.9783



18.4645, 17.7115, 22.4741



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.



43.3063, 33.3707, 58.8027



69.1439, 49.3403, 96.7116



39.6848, 31.9221, 39.7324



11.6663, 11.3952, 14.0432



21.9094, 10.5743, 33.5712



1.1368, 0.5481, 1.7661

Inverse Universe

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



43.3063, 33.3707, 58.8027



69.1439, 49.3403, 96.7116



38.1161, 50.5157, 45.7071



11.6663, 11.3952, 14.0432



21.9094, 10.5743, 33.5712



1.1368, 0.5481, 1.7661

Previews

White Background



This preview shows how the XYZ color 43.3052, 33.3692, 58.8020 looks on a white background.

Color Contrast Check

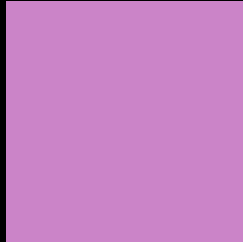
Large Text (above 18pt) WCAG AA × Fail

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 43.3052, 33.3692, 58.8020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

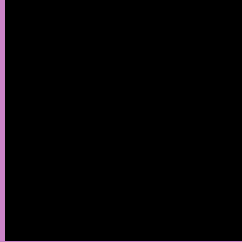
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3052, 33.3692, 58.8020

Background



This preview shows how black text looks on a background with the XYZ color 43.3052, 33.3692, 58.8020.



This preview shows how white text looks on a background with the XYZ color 43.3052, 33.3692,

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

43.3052, 33.3692, 58.8020

Protanopia

34.7270, 33.8557, 70.3501

Deuteranopia

34.4683, 33.7721, 56.9265



Tritanopia

38.3665, 33.4833, 34.1466

Trichromacy



Original Color

43.3052, 33.3692, 58.8020

Protanomaly

37.0919, 33.2520, 66.0913

Deuteranomaly

37.1515, 33.2469, 57.2825

Tritanomaly

39.8031, 33.1836, 41.8433

Monochromacy



Original Color

43.3052, 33.3692, 58.8020

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.5487, 34.1379, 45.2204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3052, 33.3692, 58.8020 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(203, 132, 200)` looks like.

```
.text, #text, p{  
    color:rgb(203, 132, 200)  
}
```

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(203, 132, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 132, 200) }
```

Border

The CSS property to change the border of an element to XYZ 43.3052, 33.3692, 58.8020 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(203, 132, 200) }
```


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

```
.border{ border-color:rgb(203, 132, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 132, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 132, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 132, 200);  
box-shadow:4px 4px 4px 4px rgb(203, 132,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3052, 33.3692, 58.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 132, 200) }
```

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

```
.background{ background-color: rgb(203,  
132, 200) }
```

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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