

Converting Colors

XYZ(44.2715, 33.8727, 55.0664)

Have a look what the booklet for
XYZ(44.2715, 33.8727, 55.0664)
contains.

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Color

**XYZ(44.2834, 33.9529,
55.2585)**

Conversions

Conversions Part 1

Format	Color
Hex	D184C2
RGB	209, 132, 194
RGB Percent	82%, 52%, 76%
CMY	0.1804, 0.4823, 0.2392
CMYK	0.00, 0.37, 0.07, 0.18
HSL	312°, 46%, 67%
HSV	312°, 37%, 82%
XYZ	44.2834, 33.9529, 55.2585
YIQ	162.0910, 25.9900, 35.6060

Conversions

Conversions Part 2

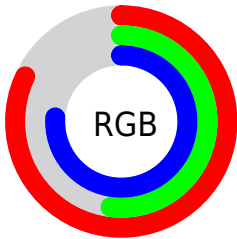
Format	Color
R _Y B	209, 132, 194
Decimal	13731010
CIE Lab	64.93, 38.80, -20.00
CIE LCh	65, 43.656, 332.727
Yxy	33.9529, 0.3317, 0.2543
Android (android.graphics.Color)	4291921090 (0xFFD184C2)
YUV	162.0910, 15.7311, 41.1392
Hunter-Lab	58.2691, 33.6856, -15.4383

Details

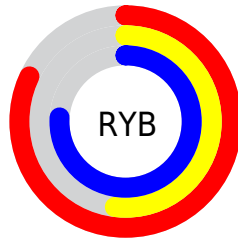
The XYZ color **44.2834, 33.9529, 55.2585** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.5841, 52.6142, 35.7806**, and the grayscale version is **34.3063, 36.0929, 39.3052**.

A 20% lighter version of the original color is **76.2115, 63.3428, 99.4764**, and **20.7392, 14.4031, 26.4979** is the 20% darker color. If you saturate the color by 10%, you get **41.2772, 28.6619, 52.0313**, and if you desaturate by 10%, it is **47.8719, 40.3875, 58.7424**.

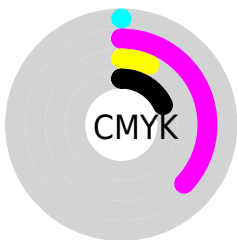
Distribution



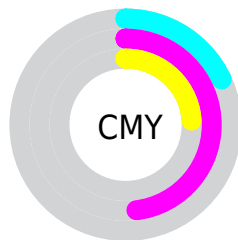
- Red (82%)
- Green (52%)
- Blue (76%)



- Red (82%)
- Yellow (52%)
- Blue (76%)



- Cyan (0%)
- Magenta (37%)
- Yellow (7%)
- Black (18%)





- Cyan (18%)
- Magenta (48%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2834, 33.9529, 55.2585 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 44.2834, 33.9529, 55.2585 by changing the saturation by 10% instead.


 44.2834, 33.9529,
55.2585


 44.2834, 33.9529,
55.2585


354.6962,
319.9220, 424.2006


 31.0922, 22.8574,
39.2087


 80.8877, 65.8604,
99.3945

 20.8213, 14.4883,
26.6131


 105.0316, 87.4412,
128.3179

 13.1051, 8.4610,
17.0530


 133.5571,
113.2860, 162.3695

 7.5785, 4.3913,
10.1099

166.8296,
143.7790, 201.9679

 3.8760, 1.8948,
5.3653

205.2143,
179.3047, 247.5317

 1.6322, 0.5452,
2.4007

249.0768,

 0.4133, 0.0000,

220.2475, 299.4794

0.7868

298.7823,
266.9918, 358.2295

■ 0.0000, 0.0000,
0.0000

■ 44.2834, 33.9529,
55.2585

■ 44.2834, 33.9529,
55.2585

■ 41.2772, 28.6619,
52.0313

■ 47.8719, 40.3875,
58.7424

■ 38.8160, 24.4415,
49.0467

■ 52.0710, 48.0235,
62.4918

■ 36.8631, 21.2178,
46.2924

■ 56.9108, 56.9205,
66.5175

■ 35.3756, 18.9055,
43.7536

■ 62.4185, 67.1328,
70.8291

■ 34.3035, 17.4047,
41.4131

■ 68.6196, 78.7114,
75.4355

33.5816, 16.5849,
39.2486

74.7663, 90.1601,
80.0880

33.3892, 16.3932,
38.5888

75.3072, 90.3764,
82.9366

75.8613, 90.5981,
85.8547

76.4288, 90.8251,
88.8427

Harmonies

Analogous

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



39.2752, 33.9529, 74.5194



44.2834, 33.9529, 55.2585



45.9502, 33.9529, 35.3421

Triad

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



44.2834, 33.9529, 55.2585



31.6981, 33.9529, 12.0115



23.1136, 33.9529, 59.0824

Complementary

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



44.2834, 33.9529, 55.2585



37.5841, 52.6142, 35.7806

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.



21.6183, 33.9529, 38.6449



44.2834, 33.9529, 55.2585



26.1537, 33.9529, 14.7863

Square

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



44.2834, 33.9529, 55.2585



38.1478, 33.9529, 13.9079



22.6551, 33.9529, 23.2388



27.0314, 33.9529, 77.1855

Rectangle

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



44.2834, 33.9529, 55.2585



44.7868, 33.9529, 25.1175



22.6551, 33.9529, 23.2388



22.3358, 33.9529, 52.0616

Sweetspot

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



44.2845, 33.9544, 55.2592



85.8779, 83.0438, 101.5637



31.6363, 27.2295, 63.9108



18.1586, 17.3651, 21.5535



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.



44.2845, 33.9544, 55.2592



65.7606, 46.7362, 82.7516



40.5804, 32.4728, 35.7537



12.2079, 11.9679, 14.3708



20.6217, 10.1215, 23.9778



1.1789, 0.5763, 1.4770

Inverse Universe

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



44.2845, 33.9544, 55.2592



65.7606, 46.7362, 82.7516



41.0340, 53.9942, 53.9476



12.2079, 11.9679, 14.3708



20.6217, 10.1215, 23.9778



1.1789, 0.5763, 1.4770

Previews

White Background



This preview shows how the XYZ color 44.2834, 33.9529, 55.2585 looks on a white background.

Color Contrast Check

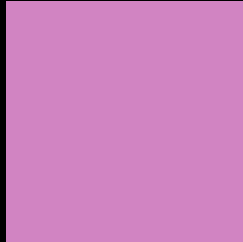
Large Text (above 18pt) WCAG AA × Fail

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 44.2834, 33.9529, 55.2585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

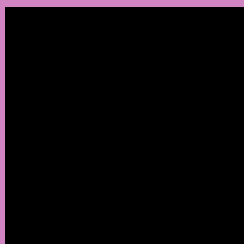
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2834, 33.9529, 55.2585

Background



This preview shows how black text looks on a background with the XYZ color 44.2834, 33.9529, 55.2585.



This preview shows how white text looks on a background with the XYZ color 44.2834, 33.9529,

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

44.2834, 33.9529, 55.2585

Protanopia

34.8017, 34.2309, 66.4010

Deuteranopia

34.7545, 33.9970, 53.4455



Tritanopia

39.8658, 33.8279, 33.7064

Trichromacy



Original Color

44.2834, 33.9529, 55.2585

Protanomaly

37.1790, 33.3822, 62.2415

Deuteranomaly

37.5874, 33.5495, 53.7848

Tritanomaly

41.3743, 33.8032, 40.9032

Monochromacy



Original Color

44.2834, 33.9529, 55.2585

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.2970, 34.7729, 44.7905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2834, 33.9529, 55.2585 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(209, 132, 194)` looks like.

```
.text, #text, p{  
    color:rgb(209, 132, 194)  
}
```

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(209, 132, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 132, 194) }
```

Border

The CSS property to change the border of an element to XYZ 44.2834, 33.9529, 55.2585 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(209, 132, 194) }
```


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

```
.border{ border-color:rgb(209, 132, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 132, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 132, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 132, 194);  
box-shadow:4px 4px 4px 4px rgb(209, 132,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2834, 33.9529, 55.2585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 132, 194) }
```

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

```
.background{ background-color: rgb(209,  
132, 194) }
```

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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