

Converting Colors

XYZ(44.4956, 33.0718, 55.6771)

Have a look what the booklet for
XYZ(44.4956, 33.0718, 55.6771)
contains.

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Color

**XYZ(44.5911, 33.1159,
55.6716)**

Conversions

Conversions Part 1

Format	Color
Hex	D47FC3
RGB	212, 127, 195
RGB Percent	83%, 50%, 76%
CMY	0.1686, 0.5019, 0.2353
CMYK	0.00, 0.40, 0.08, 0.17
HSL	312°, 50%, 66%
HSV	312°, 40%, 83%
XYZ	44.5911, 33.1159, 55.6716
YIQ	160.1670, 28.8320, 39.1680

Conversions

Conversions Part 2

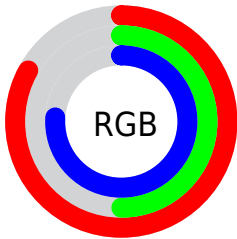
Format	Color
R _Y B	212, 127, 195
Decimal	13926339
CIE Lab	64.25, 42.59, -21.56
CIE LCh	64, 47.734, 333.153
Yxy	33.1159, 0.3343, 0.2483
Android (android.graphics.Color)	4292116419 (0xFFD47FC3)
YUV	160.1670, 17.1727, 45.4575
Hunter-Lab	57.5464, 37.6084, -17.0759

Details

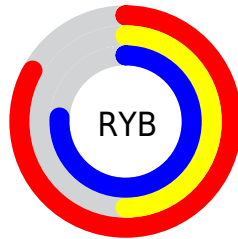
The XYZ color **44.5911, 33.1159, 55.6716** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.3314, 53.6137, 34.7686**, and the grayscale version is **33.4055, 35.1452, 38.2731**.

A 20% lighter version of the original color is **75.3346, 61.3360, 99.9639**, and **21.0341, 14.0232, 26.7974** is the 20% darker color. If you saturate the color by 10%, you get **41.6633, 28.0162, 52.3639**, and if you desaturate by 10%, it is **48.1106, 39.3762, 59.2444**.

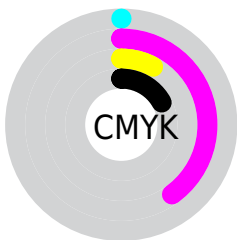
Distribution



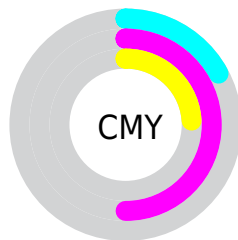
- Red (83%)
- Green (50%)
- Blue (76%)



- Red (83%)
- Yellow (50%)
- Blue (76%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (17%)





- Cyan (17%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5911, 33.1159, 55.6716 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 44.5911, 33.1159, 55.6716 by changing the saturation by 10% instead.


 44.5911, 33.1159,
55.6716

 44.5911, 33.1159,
55.6716

355.9266,
316.1717, 425.8062


 31.3354, 22.2152,
39.5375


 81.3473, 64.5564,
100.0053

 21.0074, 14.0151,
26.8671

 105.5785, 85.8651,
129.0419

 13.2419, 8.1312,
17.2418


 134.1989,
111.4119, 163.2163

 7.6735, 4.1790,
10.2433

167.5739,
141.5812, 202.9473

 3.9368, 1.7742,
5.4529

206.0688,
176.7575, 248.6532

 1.6664, 0.4710,
2.4520

250.0490,

 0.4351, 0.0000,

217.3250, 300.7526

0.8146

299.8798,
263.6683, 359.6641

■ 0.0000, 0.0000,
0.0000

■ 44.5911, 33.1159,
55.6716

■ 44.5911, 33.1159,
55.6716

■ 41.6633, 28.0162,
52.3639

■ 48.1106, 39.3762,
59.2444

■ 39.2875, 23.9995,
49.3066

■ 52.2521, 46.8589,
63.0919

■ 37.4242, 20.9862,
46.4861

■ 57.0475, 55.6273,
67.2256

■ 36.0268, 18.8836,
43.8864

■ 62.5255, 65.7385,
71.6556

■ 35.0404, 17.5819,
41.4887

■ 68.7130, 77.2465,
76.3915

■ 34.3694, 16.8843,
39.2788

■ 75.6358, 90.2022,
81.4422

■ 76.4591, 90.9362,
84.5302

■ 77.0438, 91.1701,
87.6095

■ 77.6431, 91.4098,
90.7649

Harmonies

Analogous

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



39.1527, 33.1159, 77.1909



44.5911, 33.1159, 55.6716



46.3606, 33.1159, 34.0436

Triad

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



44.5911, 33.1159, 55.6716



30.7644, 33.1159, 10.1582



21.7787, 33.1159, 60.5574

Complementary

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



44.5911, 33.1159, 55.6716



37.3314, 53.6137, 34.7686

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.



20.1758, 33.1159, 38.1495



44.5911, 33.1159, 55.6716



24.8741, 33.1159, 12.9703

Square

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



44.5911, 33.1159, 55.6716



37.7343, 33.1159, 11.9595



21.2228, 33.1159, 21.6944



25.9504, 33.1159, 80.6509

Rectangle

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



44.5911, 33.1159, 55.6716



45.0403, 33.1159, 23.2853



21.2228, 33.1159, 21.6944



20.9510, 33.1159, 52.8103

Sweetspot

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



44.5921, 33.1174, 55.6723



85.0834, 81.6186, 100.7937



30.9762, 25.8632, 65.6476



17.9989, 17.0805, 21.3937



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.



44.5921, 33.1174, 55.6723



63.9287, 43.6681, 80.3045



40.4506, 31.4608, 33.8631



12.8416, 12.5881, 15.1062



21.2542, 10.4380, 24.4404



1.3096, 0.6406, 1.6199

Inverse Universe

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



44.5921, 33.1174, 55.6723



63.9287, 43.6681, 80.3045



41.2133, 55.1665, 55.2109



12.8416, 12.5881, 15.1062



21.2542, 10.4380, 24.4404



1.3096, 0.6406, 1.6199

Previews

White Background



This preview shows how the XYZ color 44.5911, 33.1159, 55.6716 looks on a white background.

Color Contrast Check

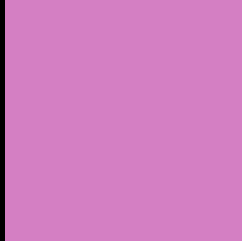
Large Text (above 18pt) WCAG AA × Fail

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 44.5911, 33.1159, 55.6716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

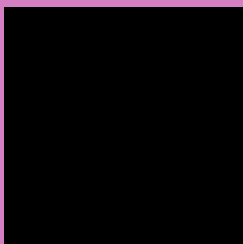
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5911, 33.1159, 55.6716

Background



This preview shows how black text looks on a background with the XYZ color 44.5911, 33.1159, 55.6716.



This preview shows how white text looks on a background with the XYZ color 44.5911, 33.1159,

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

44.5911, 33.1159, 55.6716

Protanopia

34.3026, 33.4208, 68.9329

Deuteranopia

34.0119, 33.3702, 53.3637



Tritanopia

39.6657, 33.1197, 31.9059

Trichromacy



Original Color

44.5911, 33.1159, 55.6716



Protanomaly

36.8755, 32.4999, 64.0041



Deuteranomaly

37.1669, 32.8662, 54.2541



Tritanomaly

41.1008, 32.8653, 39.2993

Monochromacy



Original Color

44.5911, 33.1159, 55.6716



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

36.7231, 33.7806, 44.1200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5911, 33.1159, 55.6716 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(212, 127, 195)` looks like.

```
.text, #text, p{  
    color:rgb(212, 127, 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(212, 127, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 127, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.5911, 33.1159, 55.6716 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(212, 127, 195) }
```


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

```
.border{ border-color:rgb(212, 127, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 127, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 127, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 127, 195);  
box-shadow:4px 4px 4px 4px rgb(212, 127,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5911, 33.1159, 55.6716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 127, 195) }
```

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

```
.background{ background-color: rgb(212,  
127, 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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