

Converting Colors

XYZ(110.6657, 62.6958,
46.8852)

Have a look what the booklet for
XYZ(110.6657, 62.6958, 46.8852)
contains.

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Color

**XYZ(53.3455, 33.0905,
44.1329)**

Conversions

Conversions Part 1

Format	Color
Hex	FF62AF
RGB	255, 98, 175
RGB Percent	100%, 38%, 69%
CMY	0.0000, 0.6157, 0.3137
CMYK	0.00, 0.62, 0.31, 0.00
HSL	331°, 100%, 69%
HSV	331°, 62%, 100%
XYZ	53.3455, 33.0905, 44.1329
YIQ	153.7210, 68.8550, 57.2310

Conversions

Conversions Part 2

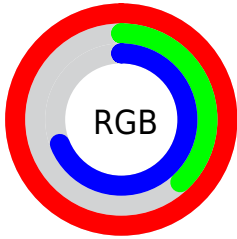
Format	Color
R _Y B	255, 98, 175
Decimal	16736943
CIE Lab	64.23, 66.60, -9.68
CIE LCh	64, 67.299, 351.732
Yxy	33.0905, 0.4086, 0.2534
Android (android.graphics.Color)	4294927023 (0xFFFF62AF)
YUV	153.7210, 10.4905, 88.8217
Hunter-Lab	57.5243, 64.8653, -5.2205

Details

The XYZ color **53.3455, 33.0905, 44.1329** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **48.8347, 77.3319, 54.4766**, and the grayscale version is **30.5288, 32.1187, 34.9772**.

A 20% lighter version of the original color is **67.5523, 50.8065, 81.8475**, and **26.3671, 13.9871, 20.0490** is the 20% darker color. If you saturate the color by 10%, you get **50.1126, 28.5697, 37.0586**, and if you desaturate by 10%, it is **57.4628, 39.1831, 52.1085**.

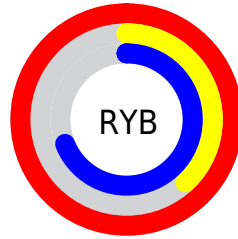
Distribution



Red (100%)

Green (38%)

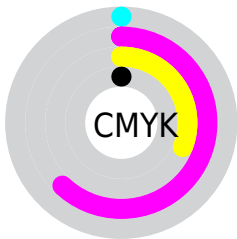
Blue (69%)



Red (100%)

Yellow (38%)

Blue (69%)

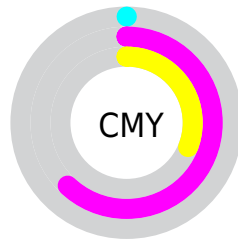


Cyan (0%)

Magenta (62%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3455, 33.0905, 44.1329 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 53.3455, 33.0905, 44.1329 by changing the saturation by 10% instead.


 53.3455, 33.0905,
44.1329

 53.3455, 33.0905,
44.1329

389.8485,
316.0573, 379.3075


 38.3072, 22.1958,
30.4370


 94.2751, 64.5168,
82.7223

 26.3995, 14.0008,
19.9157


 120.8972, 85.8172,
108.4529

 17.2570, 8.1212,
12.1503


 152.1112,
111.3549, 139.0322

 10.5143, 4.1726,
6.7223

 188.2826,
141.5143, 174.8787

 5.8062, 1.7706,
3.2133

229.7766,
176.6799, 216.4109

 2.7671, 0.4687,
1.2045

276.9587,

 1.0318, 0.0000,

217.2360, 264.0475

0.0000

330.1942,
263.5670, 318.2068

■ 0.0000, 0.0000,
0.0000

■ 53.3455, 33.0905,
44.1329

■ 53.3455, 33.0905,
44.1329

■ 50.1126, 28.5697,
37.0586

■ 57.4628, 39.1831,
52.1085

■ 47.6826, 25.4641,
30.8407

■ 62.5302, 46.9743,
61.0229

■ 45.9628, 23.5933,
25.4306

■ 68.6100, 56.5833,
70.9127

■ 44.9453, 22.7421,
21.4420

■ 75.7584, 68.1175,
81.8120

■ 84.0270, 81.6756,
93.7525

93.4642, 97.3497,
106.7646

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



48.1819, 33.0905, 79.3959



53.3455, 33.0905, 44.1329



51.7765, 33.0905, 19.8561

Triad

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



53.3455, 33.0905, 44.1329



25.1311, 33.0905, 5.9321



21.3953, 33.0905, 95.0926

Complementary

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



53.3455, 33.0905, 44.1329



48.8347, 77.3319, 54.4766

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.



17.2928, 33.0905, 59.2183



53.3455, 33.0905, 44.1329



19.1261, 33.0905, 12.2894

Square

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



53.3455, 33.0905, 44.1329



34.1664, 33.0905, 5.0243



16.5558, 33.0905, 28.9849



28.8844, 33.0905, 117.1416

Rectangle

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



53.3455, 33.0905, 44.1329



47.2399, 33.0905, 11.1385



16.5558, 33.0905, 28.9849



19.6428, 33.0905, 83.5917

Sweetspot

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



53.3464, 33.0922, 44.1335



78.5752, 72.7141, 85.9479



40.4373, 25.2461, 97.3494



16.3239, 14.7566, 17.6717



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.



53.3464, 33.0922, 44.1335



49.4501, 27.6893, 35.4675



47.8135, 30.8791, 14.9977



18.3807, 18.1356, 20.6218



23.5599, 11.9132, 11.5988



2.3490, 1.1820, 1.4190

Inverse Universe

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



53.3464, 33.0922, 44.1335



49.4501, 27.6893, 35.4675



58.8480, 81.3372, 107.2058



18.3807, 18.1356, 20.6218



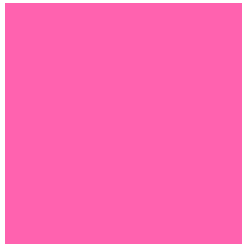
23.5599, 11.9132, 11.5988



2.3490, 1.1820, 1.4190

Previews

White Background



This preview shows how the XYZ color 53.3455, 33.0905, 44.1329 looks on a white background.

Color Contrast Check

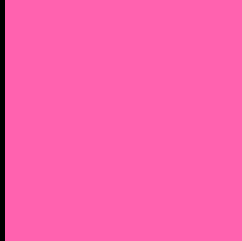
Large Text (above 18pt) WCAG AA × Fail

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 53.3455, 33.0905, 44.1329 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 53.3455, 33.0905, 44.1329

Background



This preview shows how black text looks on a background with the XYZ color 53.3455, 33.0905, 44.1329.



This preview shows how white text looks on a background with the XYZ color 53.3455, 33.0905,

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

53.3455, 33.0905, 44.1329

Protanopia

34.2133, 33.4043, 67.5952

Deuteranopia

33.9292, 33.3535, 41.2088



Tritanopia

48.3788, 33.0009, 20.9595

Trichromacy



Original Color

53.3455, 33.0905, 44.1329



Protanomaly

37.8900, 30.9975, 58.0189



Deuteranomaly

38.7957, 31.4106, 42.0483



Tritanomaly

49.9591, 32.8676, 28.1370

Monochromacy



Original Color

53.3455, 33.0905, 44.1329



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

36.5325, 30.7352, 38.1894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3455, 33.0905, 44.1329 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(255, 98, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 175)  
}
```

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(255, 98, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 175) }
```

Border

The CSS property to change the border of an element to XYZ 53.3455, 33.0905, 44.1329 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(255, 98, 175) }
```


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

```
.border{ border-color:rgb(255, 98, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 98, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3455, 33.0905, 44.1329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 175) }
```

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

```
.background{ background-color: rgb(255, 98,  
175) }
```

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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