

Converting Colors

XYZ(51.7253, 34.5552, 49.5027)

Have a look what the booklet for
XYZ(51.7253, 34.5552, 49.5027)
contains.

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Color

**XYZ(51.6312, 34.5500,
49.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	F372B8
RGB	243, 114, 184
RGB Percent	95%, 45%, 72%
CMY	0.0471, 0.5529, 0.2784
CMYK	0.00, 0.53, 0.24, 0.05
HSL	327°, 84%, 70%
HSV	327°, 53%, 95%
XYZ	51.6312, 34.5500, 49.2950
YIQ	160.5510, 54.4140, 49.1180

Conversions

Conversions Part 2

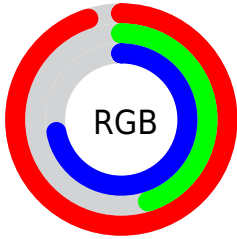
Format	Color
R _Y B	243, 114, 184
Decimal	15954616
CIE Lab	65.40, 57.12, -13.23
CIE LCh	65, 58.634, 346.957
Yxy	34.5500, 0.3811, 0.2550
Android (android.graphics.Color)	4294144696 (0xFFFF372B8)
YUV	160.5510, 11.5604, 72.3078
Hunter-Lab	58.7792, 53.9292, -8.5779

Details

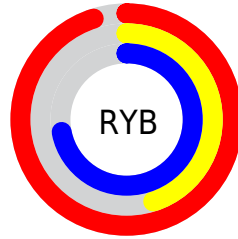
The XYZ color **51.6312, 34.5500, 49.2950** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.5346, 70.6967, 50.7318**, and the grayscale version is **33.5998, 35.3496, 38.4957**.

A 20% lighter version of the original color is **71.3429, 56.3007, 89.5450**, and **25.3770, 14.8552, 23.0025** is the 20% darker color. If you saturate the color by 10%, you get **48.1256, 29.3305, 42.6024**, and if you desaturate by 10%, it is **55.9583, 41.2653, 56.7138**.

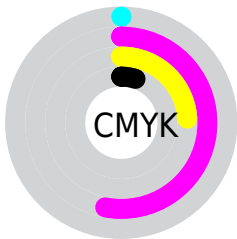
Distribution



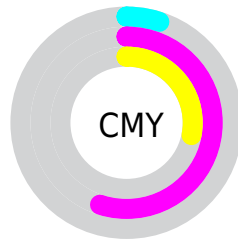
- Red (95%)
- Green (45%)
- Blue (72%)



- Red (95%)
- Yellow (45%)
- Blue (72%)



- Cyan (0%)
- Magenta (53%)
- Yellow (24%)
- Black (5%)




- Cyan (5%)
- Magenta (55%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6312, 34.5500, 49.2950 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 51.6312, 34.5500, 49.2950 by changing the saturation by 10% instead.


 51.6312, 34.5500,
49.2950


 51.6312, 34.5500,
49.2950

383.3586,
322.5776, 400.5583

 36.9343, 23.3164,
34.4863


 91.7646, 66.7881,
90.5150

 25.3300, 14.8273,
22.9871


 117.9317, 88.5613,
117.7633

 16.4532, 8.6983,
14.3787


 148.6530,
114.6167, 149.9952

 9.9383, 4.5449,
8.2428

184.2937,
145.3384, 187.6294

 5.4200, 1.9828,
4.1607

225.2193,
181.1110, 231.0842

 2.5330, 0.5975,
1.7139

271.7951,

 0.9119, 0.0000,

222.3188, 280.7783

0.3702

324.3864,
269.3462, 337.1301

■ 0.0000, 0.0000,
0.0000

■ 51.6312, 34.5500,
49.2950

■ 51.6312, 34.5500,
49.2950

■ 48.1256, 29.3305,
42.6024

■ 55.9583, 41.2653,
56.7138

■ 45.3774, 25.4828,
36.6032

■ 61.1584, 49.5773,
64.8849

■ 43.3171, 22.8713,
31.2640

■ 67.2822, 59.5837,
73.8353

■ 41.8597, 21.3297,
26.5454

■ 74.3755, 71.3733,
83.5895

■ 41.1173, 20.7168,
23.6097

■ 82.4809, 85.0283,
94.1709

90.0857, 97.5201,
105.0841

90.7723, 97.7948,
108.6998

Harmonies

Analogous

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



46.4010, 34.5500, 79.8523



51.6312, 34.5500, 49.2950



51.2386, 34.5500, 25.4745

Triad

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



51.6312, 34.5500, 49.2950



28.2671, 34.5500, 8.1405



22.8344, 34.5500, 83.6735

Complementary

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



51.6312, 34.5500, 49.2950



46.5346, 70.6967, 50.7318

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.



19.4737, 34.5500, 53.1153



51.6312, 34.5500, 49.2950



22.2158, 34.5500, 13.7411

Square

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



51.6312, 34.5500, 49.2950



36.6962, 34.5500, 7.8437



19.2690, 34.5500, 27.9498



29.2616, 34.5500, 104.7882

Rectangle

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



51.6312, 34.5500, 49.2950



47.8301, 34.5500, 15.7950



19.2690, 34.5500, 27.9498



21.3613, 34.5500, 73.6850

Sweetspot

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



51.6322, 34.5517, 49.2957



80.5268, 75.5303, 89.9497



39.2210, 27.2841, 87.9936



16.8816, 15.5766, 18.7682



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.



51.6322, 34.5517, 49.2957



53.3243, 32.1895, 46.7724



46.3984, 32.4582, 21.7346



16.8752, 16.6329, 19.0896



22.6355, 11.3976, 13.3208



2.0413, 1.0225, 1.4438

Inverse Universe

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



51.6322, 34.5517, 49.2957



53.3243, 32.1895, 46.7724



54.2116, 73.7675, 91.1584



16.8752, 16.6329, 19.0896



22.6355, 11.3976, 13.3208



2.0413, 1.0225, 1.4438

Previews

White Background



This preview shows how the XYZ color 51.6312, 34.5500, 49.2950 looks on a white background.

Color Contrast Check

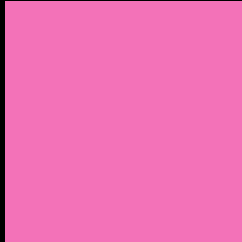
Large Text (above 18pt) WCAG AA × Fail

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 51.6312, 34.5500, 49.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

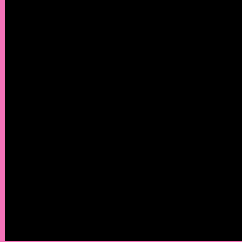
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6312, 34.5500, 49.2950

Background



This preview shows how black text looks on a background with the XYZ color 51.6312, 34.5500, 49.2950.



This preview shows how white text looks on a background with the XYZ color 51.6312, 34.5500,

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

51.6312, 34.5500, 49.2950

Protanopia

35.5223, 34.8086, 68.4648

Deuteranopia

35.3830, 34.7240, 46.4325



Tritanopia

46.8966, 34.5656, 26.7544

Trichromacy



Original Color

51.6312, 34.5500, 49.2950



Protanomaly

38.8948, 32.9453, 60.8090



Deuteranomaly

39.8644, 33.5208, 47.5491



Tritanomaly

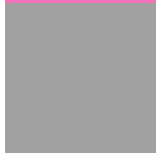
48.4400, 34.4670, 33.8055

Monochromacy



Original Color

51.6312, 34.5500, 49.2950



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

38.6205, 33.8875, 42.0415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6312, 34.5500, 49.2950 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(243, 114, 184)` looks like.

```
.text, #text, p{  
    color:rgb(243, 114, 184)  
}
```

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(243, 114, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 114, 184) }
```

Border

The CSS property to change the border of an element to XYZ 51.6312, 34.5500, 49.2950 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(243, 114, 184) }
```


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

```
.border{ border-color:rgb(243, 114, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 114, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 114, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 114, 184);  
box-shadow:4px 4px 4px 4px rgb(243, 114,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6312, 34.5500, 49.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 114, 184) }
```

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

```
.background{ background-color: rgb(243,  
114, 184) }
```

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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