

Converting Colors

XYZ(52.1295, 33.2853, 53.0561)

Have a look what the booklet for
XYZ(52.1295, 33.2853, 53.0561)
contains.

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Color

**XYZ(52.1117, 33.2772,
52.9668)**

Conversions

Conversions Part 1

Format	Color
Hex	F569BF
RGB	245, 105, 191
RGB Percent	96%, 41%, 75%
CMY	0.0392, 0.5882, 0.2510
CMYK	0.00, 0.57, 0.22, 0.04
HSL	323°, 87%, 69%
HSV	323°, 57%, 96%
XYZ	52.1117, 33.2772, 52.9668
YIQ	156.6640, 55.8340, 56.4260

Conversions

Conversions Part 2

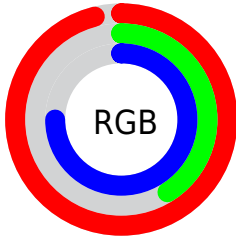
Format	Color
R _Y B	245, 105, 191
Decimal	16083391
CIE Lab	64.38, 62.75, -18.70
CIE LCh	64, 65.473, 343.405
Yxy	33.2772, 0.3767, 0.2405
Android (android.graphics.Color)	4294273471 (0xFFFF569BF)
YUV	156.6640, 16.9276, 77.4707
Hunter-Lab	57.6864, 60.2989, -14.0587

Details

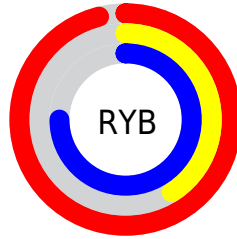
The XYZ color **52.1117, 33.2772, 52.9668** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **44.7377, 70.8122, 44.1144**, and the grayscale version is **31.8072, 33.4636, 36.4419**.

A 20% lighter version of the original color is **70.9488, 53.8161, 94.6438**, and **25.4613, 13.9972, 25.0267** is the 20% darker color. If you saturate the color by 10%, you get **48.9594, 28.5833, 46.9494**, and if you desaturate by 10%, it is **56.0518, 39.4384, 59.5785**.

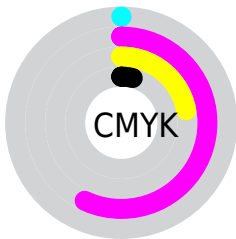
Distribution



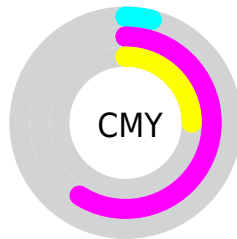
- Red (96%)
- Green (41%)
- Blue (75%)



- Red (96%)
- Yellow (41%)
- Blue (75%)



- Cyan (0%)
- Magenta (57%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (59%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1117, 33.2772, 52.9668 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 52.1117, 33.2772, 52.9668 by changing the saturation by 10% instead.


 52.1117, 33.2772,
52.9668


 52.1117, 33.2772,
52.9668

385.1846,
316.8970, 415.2204

 37.3187, 22.3389,
37.3887


 92.4692, 64.8081,
95.9966


 25.6292, 14.1061,
25.2105

 118.7645, 86.1694,
124.2853

 16.6777, 8.1945,
16.0135


 149.6245,
111.7739, 157.6481

 10.0988, 4.2197,
9.3792

 185.4148,
142.0059, 196.5034

 5.5273, 1.7972,
4.8892

226.5006,
177.2498, 241.2697

 2.5977, 0.4854,
2.1248

273.2472,

 0.9448, 0.0000,

217.8900, 292.3656

0.6305

326.0201,
264.3109, 350.2097

■ 0.0000, 0.0000,
0.0000

■ 52.1117, 33.2772,
52.9668

■ 52.1117, 33.2772,
52.9668

■ 48.9594, 28.5833,
46.9494

■ 56.0518, 39.4384,
59.5785

■ 46.5269, 25.2240,
41.4965

■ 60.8338, 47.1745,
66.8078

■ 44.7392, 23.0510,
36.5771

■ 66.5105, 56.5888,
74.6783

■ 43.4986, 21.8712,
32.1521

■ 73.1294, 67.7742,
83.2116

■ 43.2014, 21.6306,
30.9621

■ 80.7343, 80.8168,
92.4279

89.3665, 95.7971,
102.3464

91.4663, 98.1526,
108.7323

Harmonies

Analogous

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



45.6186, 33.2772, 87.8087



52.1117, 33.2772, 52.9668



52.4729, 33.2772, 25.5848

Triad

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



52.1117, 33.2772, 52.9668



27.6517, 33.2772, 5.7202



20.3090, 33.2772, 84.2120

Complementary

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



52.1117, 33.2772, 52.9668



44.7377, 70.8122, 44.1144

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.



17.1970, 33.2772, 49.4892



52.1117, 33.2772, 52.9668



20.8389, 33.2772, 10.2657

Square

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



52.1117, 33.2772, 52.9668



37.0312, 33.2772, 5.9391



17.3697, 33.2772, 23.4571



26.7795, 33.2772, 111.0860

Rectangle

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



52.1117, 33.2772, 52.9668



49.0822, 33.2772, 14.6776



17.3697, 33.2772, 23.4571



18.8980, 33.2772, 72.4945

Sweetspot

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



52.1127, 33.2789, 52.9674



80.1697, 74.3616, 91.2315



35.7668, 24.0347, 89.1406



16.8285, 15.3533, 19.1115



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.



52.1127, 33.2789, 52.9674



53.0232, 30.4526, 50.1703



46.1808, 30.9061, 21.7301



16.9270, 16.6536, 19.3619



23.3432, 11.6807, 17.0473



2.1018, 1.0467, 1.7625

Inverse Universe

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



52.1127, 33.2789, 52.9674



53.0232, 30.4526, 50.1703



52.5756, 73.9474, 85.3881



16.9270, 16.6536, 19.3619



23.3432, 11.6807, 17.0473



2.1018, 1.0467, 1.7625

Previews

White Background



This preview shows how the XYZ color 52.1117, 33.2772, 52.9668 looks on a white background.

Color Contrast Check

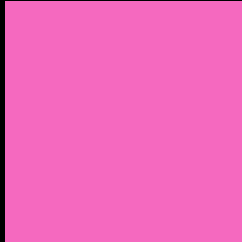
Large Text (above 18pt) WCAG AA × Fail

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 52.1117, 33.2772, 52.9668 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 52.1117, 33.2772, 52.9668

Background



This preview shows how black text looks on a background with the XYZ color 52.1117, 33.2772, 52.9668.

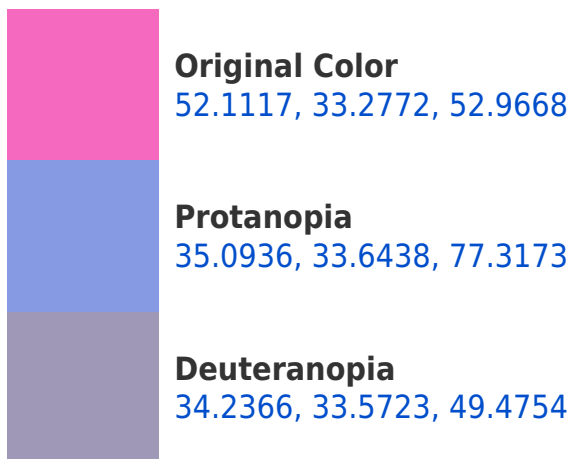


This preview shows how white text looks on a background with the XYZ color 52.1117, 33.2772,

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





Tritanopia

46.0897, 33.1029, 24.3824

Trichromacy



Original Color

52.1117, 33.2772, 52.9668



Protanomaly

38.3973, 31.4620, 67.6673



Deuteranomaly

38.9023, 32.1006, 50.6000



Tritanomaly

47.8789, 32.9698, 33.1185

Monochromacy



Original Color

52.1117, 33.2772, 52.9668



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

37.2362, 31.8603, 41.7232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1117, 33.2772, 52.9668 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(245, 105, 191)` looks like.

```
.text, #text, p{  
    color:rgb(245, 105, 191)  
}
```

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(245, 105, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 105, 191) }
```

Border

The CSS property to change the border of an element to XYZ 52.1117, 33.2772, 52.9668 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(245, 105, 191) }
```


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

```
.border{ border-color:rgb(245, 105, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 105, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 105, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 105, 191);  
box-shadow:4px 4px 4px 4px rgb(245, 105,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1117, 33.2772, 52.9668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 105, 191) }
```

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

```
.background{ background-color: rgb(245,  
105, 191) }
```

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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