

Converting Colors

XYZ(55.4889, 33.2863, 57.4591)

Have a look what the booklet for
XYZ(55.4889, 33.2863, 57.4591)
contains.

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Color

**XYZ(55.4632, 33.2122,
57.5202)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5DC7
RGB	255, 93, 199
RGB Percent	100%, 36%, 78%
CMY	0.0000, 0.6353, 0.2196
CMYK	0.00, 0.64, 0.22, 0.00
HSL	321°, 100%, 68%
HSV	321°, 64%, 100%
XYZ	55.4632, 33.2122, 57.5202
YIQ	153.5220, 62.5260, 67.3100

Conversions

Conversions Part 2

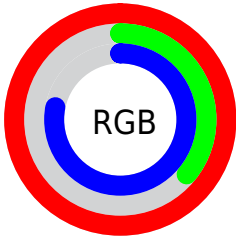
Format	Color
R _Y B	255, 93, 199
Decimal	16735687
CIE Lab	64.33, 71.56, -23.17
CIE LCh	64, 75.221, 342.057
Yxy	33.2122, 0.3794, 0.2272
Android (android.graphics.Color)	4294925767 (0xFFFF5DC7)
YUV	153.5220, 22.4207, 88.9962
Hunter-Lab	57.6300, 70.9360, -18.8360

Details

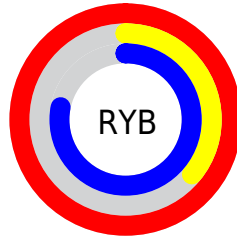
The XYZ color **55.4632, 33.2122, 57.5202** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **45.7005, 76.0178, 40.7013**, and the grayscale version is **30.3933, 31.9761, 34.8220**.

A 20% lighter version of the original color is **70.5182, 50.9365, 100.7227**, and **27.8667, 14.1467, 28.0499** is the 20% darker color. If you saturate the color by 10%, you get **52.5921, 29.0608, 51.6589**, and if you desaturate by 10%, it is **59.1410, 38.8819, 63.9436**.

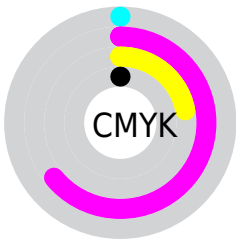
Distribution



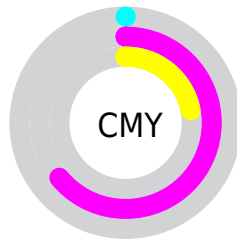
- Red (100%)
- Green (36%)
- Blue (78%)



- Red (100%)
- Yellow (36%)
- Blue (78%)



- Cyan (0%)
- Magenta (64%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4632, 33.2122, 57.5202 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 55.4632, 33.2122, 57.5202 by changing the saturation by 10% instead.


 55.4632, 33.2122,
57.5202

 55.4632, 33.2122,
57.5202

397.7733,
316.6048, 432.9439


 40.0080, 22.2891,
41.0109

 97.3637, 64.7067,
102.7317


 27.7290, 14.0694,
28.0078


 124.5396, 86.0468,
132.2710

 18.2609, 8.1690,
18.0925


 156.3532,
111.6281, 166.9906

 11.2383, 4.2033,
10.8463

 193.1698,
141.8348, 207.3092

 6.2958, 1.7879,
5.8507

235.3548,
177.0515, 253.6453

 3.0681, 0.4796,
2.6872

283.2734,

 1.1899, 0.0000,

217.6624, 306.4175

0.9370

337.2912,
264.0521, 366.0441

■ 0.0984, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4632, 33.2122,
57.5202

■ 55.4632, 33.2122,
57.5202

■ 52.5921, 29.0608,
51.6589

■ 59.1410, 38.8819,
63.9436

■ 50.4468, 26.2679,
46.3269

■ 63.6910, 46.1996,
70.9548

■ 48.9327, 24.6458,
41.4879

■ 69.1743, 55.2861,
78.5791

■ 48.2010, 24.0444,
38.5862

■ 75.6459, 66.2495,
86.8393

83.1561, 79.1894,
95.7569

91.7518, 94.1981,
105.3517

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.



47.4510, 33.2122, 99.9201



55.4632, 33.2122, 57.5202



56.2632, 33.2122, 25.1986

Triad

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



55.4632, 33.2122, 57.5202



27.4619, 33.2122, 3.7278



18.6236, 33.2122, 91.7304

Complementary

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



55.4632, 33.2122, 57.5202



45.7005, 76.0178, 40.7013

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.



15.4197, 33.2122, 49.9186



55.4632, 33.2122, 57.5202



19.6943, 33.2122, 7.6853

Square

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



55.4632, 33.2122, 57.5202



38.3388, 33.2122, 4.0828



15.7613, 33.2122, 20.8786



25.6440, 33.2122, 126.1659

Rectangle

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



55.4632, 33.2122, 57.5202



52.4104, 33.2122, 13.0386



15.7613, 33.2122, 20.8786



17.1444, 33.2122, 77.3149

Sweetspot

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



55.4640, 33.2137, 57.5208



78.9135, 71.8557, 90.7929



33.9987, 21.2537, 96.9182



16.4434, 14.6116, 18.8953



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.



55.4640, 33.2137, 57.5208



51.9970, 28.2499, 50.2918



48.5457, 30.4464, 21.0896



18.5103, 18.1874, 21.3042



25.2592, 12.5930, 20.5470



2.5109, 1.2467, 2.2719

Inverse Universe

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



55.4640, 33.2137, 57.5208



51.9970, 28.2499, 50.2918



54.2788, 79.4491, 85.8742



18.5103, 18.1874, 21.3042



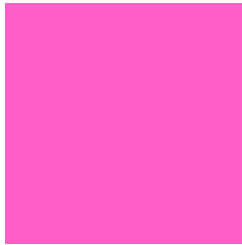
25.2592, 12.5930, 20.5470



2.5109, 1.2467, 2.2719

Previews

White Background



This preview shows how the XYZ color 55.4632, 33.2122, 57.5202 looks on a white background.

Color Contrast Check

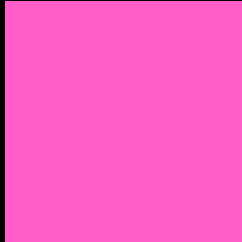
Large Text (above 18pt) WCAG AA × Fail

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 55.4632, 33.2122, 57.5202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

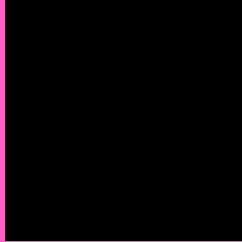
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4632, 33.2122, 57.5202

Background



This preview shows how black text looks on a background with the XYZ color 55.4632, 33.2122, 57.5202.

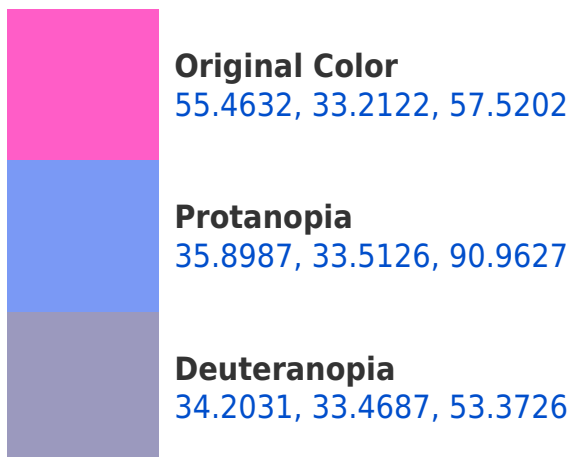


This preview shows how white text looks on a background with the XYZ color 55.4632, 33.2122,

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

48.0677, 33.1472, 21.9538

Trichromacy



Original Color

55.4632, 33.2122, 57.5202



Protanomaly

38.6975, 30.3801, 77.2232



Deuteranomaly

39.2278, 31.1592, 54.3989



Tritanomaly

50.3625, 32.9872, 32.1465

Monochromacy



Original Color

55.4632, 33.2122, 57.5202



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

36.9928, 30.4812, 41.9639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4632, 33.2122, 57.5202 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, 93, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 199)  
}
```

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, 93, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.4632, 33.2122, 57.5202 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, 93, 199) }
```


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

```
.border{ border-color:rgb(255, 93, 199) }
```

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

Here you see how a box with a 4 pixel rgb(255, 93, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4632, 33.2122, 57.5202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 199) }
```

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

```
.background{ background-color: rgb(255, 93,  
199) }
```

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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