

Converting Colors

XYZ(55.1084, 32.9784, 55.9355)

Have a look what the booklet for
XYZ(55.1084, 32.9784, 55.9355)
contains.

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Color

**XYZ(55.0310, 32.8998,
55.6744)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5CC4
RGB	255, 92, 196
RGB Percent	100%, 36%, 77%
CMY	0.0000, 0.6392, 0.2314
CMYK	0.00, 0.64, 0.23, 0.00
HSL	322°, 100%, 68%
HSV	322°, 64%, 100%
XYZ	55.0310, 32.8998, 55.6744
YIQ	152.5930, 63.7640, 66.9000

Conversions

Conversions Part 2

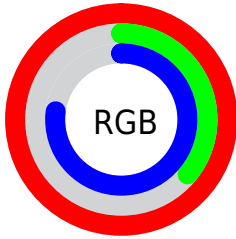
Format	Color
R _Y B	255, 92, 196
Decimal	16735428
CIE Lab	64.08, 71.56, -21.86
CIE LCh	64, 74.828, 343.013
Yxy	32.8998, 0.3832, 0.2291
Android (android.graphics.Color)	4294925508 (0xFFFF5CC4)
YUV	152.5930, 21.3997, 89.8109
Hunter-Lab	57.3583, 70.8802, -17.3985

Details

The XYZ color **55.0310, 32.8998, 55.6744** 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 **45.7611, 76.0304, 41.5451**, and the grayscale version is **29.9937, 31.5558, 34.3642**.

A 20% lighter version of the original color is **70.0362, 50.4851, 98.9818**, and **27.3311, 13.8232, 26.8188** is the 20% darker color. If you saturate the color by 10%, you get **52.1631, 28.7941, 49.6933**, and if you desaturate by 10%, it is **58.7081, 38.5204, 62.2449**.

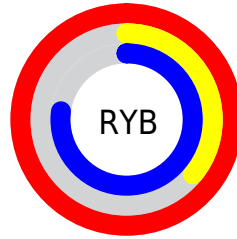
Distribution



Red (100%)

Green (36%)

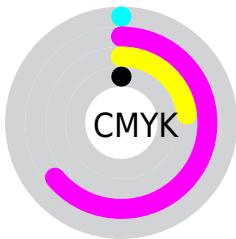
Blue (77%)



Red (100%)

Yellow (36%)

Blue (77%)

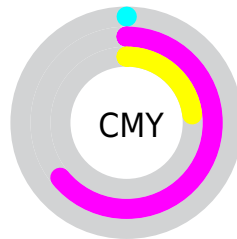


Cyan (0%)

Magenta (64%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0310, 32.8998, 55.6744 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 55.0310, 32.8998, 55.6744 by changing the saturation by 10% instead.


 55.0310, 32.8998,
55.6744


 55.0310, 32.8998,
55.6744


396.1639,
315.1980, 425.8171


 39.6605, 22.0497,
39.5397

 96.7344, 64.2191,
100.0094


 27.4570, 13.8934,
26.8688


 123.7981, 85.4570,
129.0468

 18.0551, 8.0466,
17.2431


 155.4901,
110.9264, 163.2221

 11.0895, 4.1248,
10.2442

 192.1759,
141.0115, 202.9539

 6.1948, 1.7436,
5.4535

234.2208,
176.0969, 248.6608

 3.0057, 0.4516,
2.4523

281.9902,

 1.1568, 0.0000,

216.5668, 300.7612

0.8147

335.8495,
262.8057, 359.6738

■ 0.0718, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0310, 32.8998,
55.6744

■ 55.0310, 32.8998,
55.6744

■ 52.1631, 28.7941,
49.6933

■ 58.7081, 38.5204,
62.2449

■ 50.0230, 26.0424,
44.2677

■ 63.2604, 45.7862,
69.4312

■ 48.5148, 24.4549,
39.3602

■ 68.7495, 54.8186,
77.2597

■ 47.8236, 23.8934,
36.5987

■ 75.2306, 65.7262,
85.7540

82.7544, 78.6088,
94.9362

91.3681, 93.5593,
104.8271

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.



47.2962, 32.8998, 97.5153



55.0310, 32.8998, 55.6744



55.5647, 32.8998, 24.2427

Triad

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



55.0310, 32.8998, 55.6744



26.9108, 32.8998, 3.7658



18.6326, 32.8998, 92.0534

Complementary

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



55.0310, 32.8998, 55.6744



45.7611, 76.0304, 41.5451

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.



15.3463, 32.8998, 50.6030



55.0310, 32.8998, 55.6744



19.3476, 32.8998, 7.8824

Square

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



55.0310, 32.8998, 55.6744



37.5959, 32.8998, 4.0034



15.5744, 32.8998, 21.3585



25.6972, 32.8998, 125.3843

Rectangle

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



55.0310, 32.8998, 55.6744



51.6115, 32.8998, 12.5373



15.5744, 32.8998, 21.3585



17.1291, 32.8998, 77.8475

Sweetspot

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



55.0318, 32.9013, 55.6750



78.7976, 71.8094, 90.1827



34.2825, 21.2706, 96.9065



16.4153, 14.6003, 18.7471



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.



55.0318, 32.9013, 55.6750



51.4300, 27.8096, 47.9636



48.2470, 30.1874, 19.9467



18.4973, 18.1822, 21.2357



25.0630, 12.5145, 19.5139



2.4927, 1.2395, 2.1760

Inverse Universe

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



55.0318, 32.9013, 55.6750



51.4300, 27.8096, 47.9636



54.5350, 79.5400, 87.7479



18.4973, 18.1822, 21.2357



25.0630, 12.5145, 19.5139



2.4927, 1.2395, 2.1760

Previews

White Background



This preview shows how the XYZ color 55.0310, 32.8998, 55.6744 looks on a white background.

Color Contrast Check

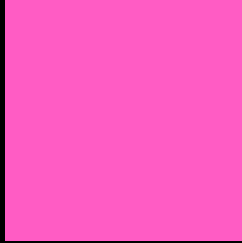
Large Text (above 18pt) WCAG AA × Fail

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 55.0310, 32.8998, 55.6744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

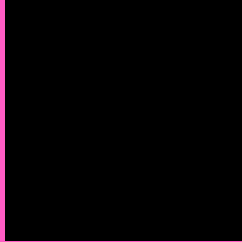
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0310, 32.8998, 55.6744

Background



This preview shows how black text looks on a background with the XYZ color 55.0310, 32.8998, 55.6744.

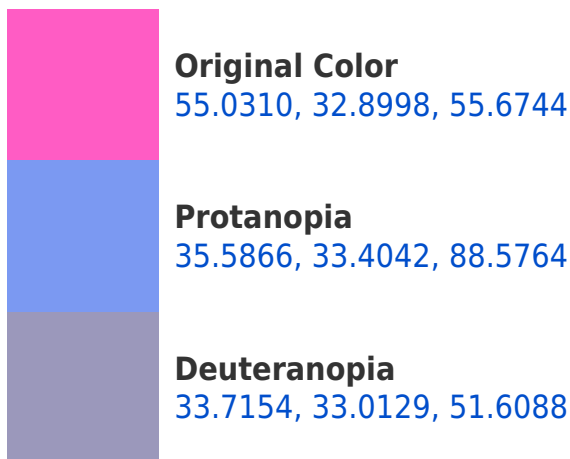


This preview shows how white text looks on a background with the XYZ color 55.0310, 32.8998,

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

47.8353, 32.8767, 21.2774

Trichromacy



Original Color

55.0310, 32.8998, 55.6744



Protanomaly

38.5015, 30.3268, 75.0586



Deuteranomaly

38.7628, 30.7593, 52.6093



Tritanomaly

50.1017, 32.7190, 31.2785

Monochromacy



Original Color

55.0310, 32.8998, 55.6744



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

36.5129, 30.0443, 41.4108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0310, 32.8998, 55.6744 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, 92, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 196)  
}
```

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, 92, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 196) }
```

Border

The CSS property to change the border of an element to XYZ 55.0310, 32.8998, 55.6744 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, 92, 196) }
```


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

```
.border{ border-color:rgb(255, 92, 196) }
```

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

Here you see how a box with a 4 pixel rgb(255, 92, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0310, 32.8998, 55.6744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 196) }
```

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

```
.background{ background-color: rgb(255, 92,  
196) }
```

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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