

Converting Colors

XYZ(54.9555, 32.8705, 55.2741)

Have a look what the booklet for
XYZ(54.9555, 32.8705, 55.2741)
contains.

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Color

**XYZ(54.9175, 32.8544,
55.0768)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5CC3
RGB	255, 92, 195
RGB Percent	100%, 36%, 76%
CMY	0.0000, 0.6392, 0.2353
CMYK	0.00, 0.64, 0.24, 0.00
HSL	322°, 100%, 68%
HSV	322°, 64%, 100%
XYZ	54.9175, 32.8544, 55.0768
YIQ	152.4790, 64.0850, 66.5890

Conversions

Conversions Part 2

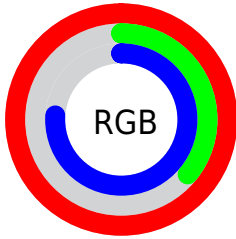
Format	Color
R _Y B	255, 92, 195
Decimal	16735427
CIE Lab	64.04, 71.44, -21.35
CIE LCh	64, 74.558, 343.360
Yxy	32.8544, 0.3844, 0.2300
Android (android.graphics.Color)	4294925507 (0xFFFF5CC3)
YUV	152.4790, 20.9629, 89.9109
Hunter-Lab	57.3188, 70.7143, -16.8478

Details

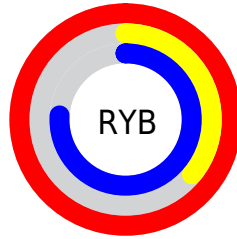
The XYZ color **54.9175, 32.8544, 55.0768** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **45.8427, 76.0630, 41.9747**, and the grayscale version is **29.9462, 31.5057, 34.3097**.

A 20% lighter version of the original color is **69.8773, 50.4215, 98.1448**, and **27.2563, 13.7933, 26.4251** is the 20% darker color. If you saturate the color by 10%, you get **52.0400, 28.7449, 49.0448**, and if you desaturate by 10%, it is **58.6063, 38.4797, 61.7091**.

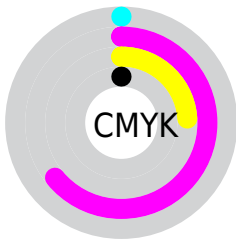
Distribution



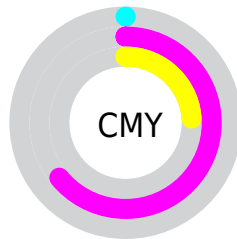
- Red (100%)
- Green (36%)
- Blue (76%)



- Red (100%)
- Yellow (36%)
- Blue (76%)



- Cyan (0%)
- Magenta (64%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9175, 32.8544, 55.0768 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 54.9175, 32.8544, 55.0768 by changing the saturation by 10% instead.


 54.9175, 32.8544,
55.0768


 54.9175, 32.8544,
55.0768


395.7406,
314.9931, 423.4931


 39.5693, 22.0149,
39.0642

 96.5691, 64.1481,
99.1257


 27.3856, 13.8679,
26.5015


 123.6032, 85.3712,
127.9992

 18.0011, 8.0288,
16.9700

 155.2632,
110.8243, 161.9966

 11.0505, 4.1134,
10.0514

 191.9146,
140.8917, 201.5366

 6.1683, 1.7372,
5.3270

233.9227,
175.9579, 247.0378

 2.9893, 0.4476,
2.3783

281.6528,

 1.1481, 0.0000,

216.4073, 298.9185

0.7746

335.4703,
262.6242, 357.5975

■ 0.0648, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9175, 32.8544,
55.0768

■ 54.9175, 32.8544,
55.0768

■ 52.0400, 28.7449,
49.0448

■ 58.6063, 38.4797,
61.7091

■ 49.8922, 25.9900,
43.5790

■ 63.1726, 45.7510,
68.9686

■ 48.3783, 24.4003,
38.6415

■ 68.6778, 54.7899,
76.8819

■ 47.6846, 23.8378,
35.8666

■ 75.1772, 65.7048,
85.4729

82.7217, 78.5958,
94.7639

91.3584, 93.5554,
104.7761

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.



47.2911, 32.8544, 96.6532



54.9175, 32.8544, 55.0768



55.3556, 32.8544, 23.9785

Triad

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



54.9175, 32.8544, 55.0768



26.7789, 32.8544, 3.8185



18.6996, 32.8544, 92.1719

Complementary

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



54.9175, 32.8544, 55.0768



45.8427, 76.0630, 41.9747

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.



15.3813, 32.8544, 50.9121



54.9175, 32.8544, 55.0768



19.2878, 32.8544, 8.0086

Square

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



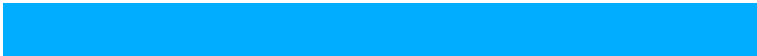
54.9175, 32.8544, 55.0768



37.3905, 32.8544, 4.0150



15.5691, 32.8544, 21.6061



25.7812, 32.8544, 125.0412

Rectangle

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



54.9175, 32.8544, 55.0768



51.3719, 32.8544, 12.4240



15.5691, 32.8544, 21.6061



17.1864, 32.8544, 78.0656

Sweetspot

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



54.9183, 32.8559, 55.0774



78.7541, 71.7920, 89.9536



34.7842, 21.5292, 96.9300



16.4047, 14.5961, 18.6915



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.



54.9183, 32.8559, 55.0774



51.3042, 27.7593, 47.3016



48.0904, 30.1248, 19.1224



18.4924, 18.1803, 21.2099



24.9907, 12.4856, 19.1332



2.4860, 1.2368, 2.1405

Inverse Universe

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



54.9183, 32.8559, 55.0774



51.3042, 27.7593, 47.3016



54.9208, 79.6943, 89.7794



18.4924, 18.1803, 21.2099



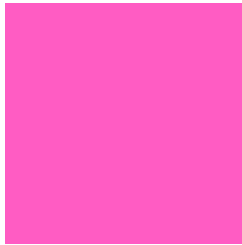
24.9907, 12.4856, 19.1332



2.4860, 1.2368, 2.1405

Previews

White Background



This preview shows how the XYZ color 54.9175, 32.8544, 55.0768 looks on a white background.

Color Contrast Check

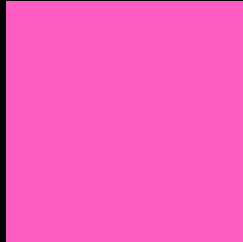
Large Text (above 18pt) WCAG AA × Fail

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 54.9175, 32.8544, 55.0768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

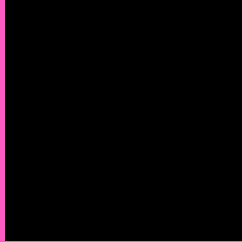
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9175, 32.8544, 55.0768

Background



This preview shows how black text looks on a background with the XYZ color 54.9175, 32.8544, 55.0768.



This preview shows how white text looks on a background with the XYZ color 54.9175, 32.8544,

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

54.9175, 32.8544, 55.0768

Protanopia

35.5806, 33.4184, 87.7942

Deuteranopia

33.8015, 33.0696, 51.0559



Tritanopia

47.7256, 32.6572, 21.2408

Trichromacy



Original Color

54.9175, 32.8544, 55.0768



Protanomaly

38.5841, 30.3851, 74.3523



Deuteranomaly

38.9062, 30.8459, 52.0474



Tritanomaly

50.0004, 32.5164, 31.2447

Monochromacy



Original Color

54.9175, 32.8544, 55.0768



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

36.0368, 29.6112, 40.8620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9175, 32.8544, 55.0768 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 195) }
```

Border

The CSS property to change the border of an element to XYZ 54.9175, 32.8544, 55.0768 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, 195) }
```


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

```
.border{ border-color:rgb(255, 92, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9175, 32.8544, 55.0768 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, 195) }
```

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

```
.background{ background-color: rgb(255, 92,  
195) }
```

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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