

Converting Colors

XYZ(131.3780, 71.8874,
56.9842)

Have a look what the booklet for
XYZ(131.3780, 71.8874, 56.9842)
contains.

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Color

**XYZ(54.3268, 32.2105,
53.2231)**

Conversions

Conversions Part 1

Format	Color
Hex	FF59C0
RGB	255, 89, 192
RGB Percent	100%, 35%, 75%
CMY	0.0000, 0.6509, 0.2471
CMYK	0.00, 0.65, 0.25, 0.00
HSL	323°, 100%, 67%
HSV	323°, 65%, 100%
XYZ	54.3268, 32.2105, 53.2231
YIQ	150.3760, 65.8730, 67.2250

Conversions

Conversions Part 2

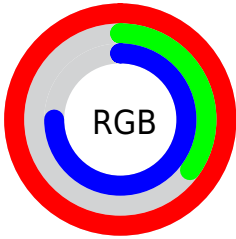
Format	Color
R _{YB}	255, 89, 192
Decimal	16734656
CIE Lab	63.52, 72.21, -20.45
CIE LCh	64, 75.046, 344.187
Yxy	32.2105, 0.3887, 0.2305
Android (android.graphics.Color)	4294924736 (0xFFFF59C0)
YUV	150.3760, 20.5206, 91.7552
Hunter-Lab	56.7543, 71.5452, -15.8730

Details

The XYZ color **54.3268, 32.2105, 53.2231** 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 **45.5489, 75.9116, 41.9611**, and the grayscale version is **29.0465, 30.5592, 33.2790**.

A 20% lighter version of the original color is **68.9288, 49.2794, 95.5015**, and **26.9116, 13.4563, 25.2237** is the 20% darker color. If you saturate the color by 10%, you get **51.5227, 28.2624, 47.1705**, and if you desaturate by 10%, it is **57.9376, 37.6589, 59.8931**.

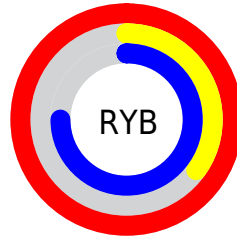
Distribution



Red (100%)

Green (35%)

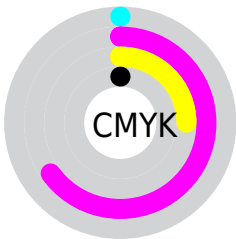
Blue (75%)



Red (100%)

Yellow (35%)

Blue (75%)

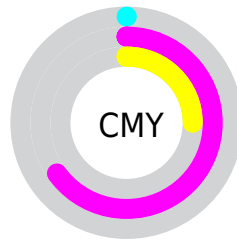


Cyan (0%)

Magenta (65%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (65%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3268, 32.2105, 53.2231 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 54.3268, 32.2105, 53.2231 by changing the saturation by 10% instead.


 54.3268, 32.2105,
53.2231

 54.3268, 32.2105,
53.2231

393.5330,
312.0770, 416.2310

 39.0947, 21.5223,
37.5920

 95.7080, 63.1409,
96.3774


 27.0145, 13.5063,
25.3668


 122.5878, 84.1520,
124.7377

 17.7207, 7.7781,
16.1290


 154.0809,
109.3728, 158.1781

 10.8481, 3.9533,
9.4602

 190.5526,
139.1878, 197.1172

 6.0314, 1.6475,
4.9416

232.3683,
173.9813, 241.9735

 2.9050, 0.3893,
2.1549

279.8934,

 1.1037, 0.0000,

214.1377, 293.1655

0.6482

333.4932,
260.0415, 351.1119

■ 0.0282, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3268, 32.2105,
53.2231

■ 54.3268, 32.2105,
53.2231

■ 51.5227, 28.2624,
47.1705

■ 57.9376, 37.6589,
59.8931

■ 49.4418, 25.6502,
41.7000

■ 62.4221, 44.7399,
67.2085

■ 47.9856, 24.1786,
36.7722

■ 67.8430, 53.5766,
75.1967

■ 47.4304, 23.7362,
34.5281

■ 74.2561, 64.2789,
83.8824

81.7129, 76.9475,
93.2888

90.2610, 91.6761,
103.4376

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.



46.8800, 32.2105, 94.7017



54.3268, 32.2105, 53.2231



54.5435, 32.2105, 22.7650

Triad

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



54.3268, 32.2105, 53.2231



25.9460, 32.2105, 3.6251



18.3404, 32.2105, 92.4791

Complementary

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



54.3268, 32.2105, 53.2231



45.5489, 75.9116, 41.9611

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.



14.9642, 32.2105, 51.1661



54.3268, 32.2105, 53.2231



18.6286, 32.2105, 7.8625

Square

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



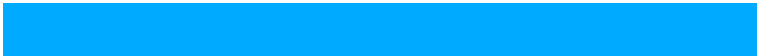
54.3268, 32.2105, 53.2231



36.4285, 32.2105, 3.7190



15.0560, 32.2105, 21.6023



25.4557, 32.2105, 124.7956

Rectangle

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



54.3268, 32.2105, 53.2231



50.4453, 32.2105, 11.6431



15.0560, 32.2105, 21.6023



16.8110, 32.2105, 78.4082

Sweetspot

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



54.3276, 32.2121, 53.2237



77.9215, 70.4812, 88.5831



34.1773, 20.8382, 96.8286



16.2383, 14.3397, 18.4003



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.



54.3276, 32.2121, 53.2237



50.8474, 27.3734, 45.5226



47.6902, 29.5571, 18.2712



18.4833, 18.1766, 21.1621



24.8584, 12.4327, 18.4367



2.4736, 1.2318, 2.0754

Inverse Universe

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



54.3276, 32.2121, 53.2237



50.8474, 27.3734, 45.5226



54.5698, 79.5199, 89.4646



18.4833, 18.1766, 21.1621



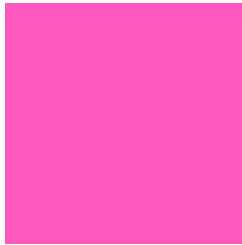
24.8584, 12.4327, 18.4367



2.4736, 1.2318, 2.0754

Previews

White Background



This preview shows how the XYZ color 54.3268, 32.2105, 53.2231 looks on a white background.

Color Contrast Check

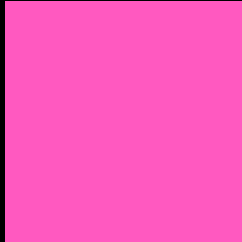
Large Text (above 18pt) WCAG AA × Fail

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 54.3268, 32.2105, 53.2231 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 54.3268, 32.2105, 53.2231

Background



This preview shows how black text looks on a background with the XYZ color 54.3268, 32.2105, 53.2231.



This preview shows how white text looks on a background with the XYZ color 54.3268, 32.2105,

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

54.3268, 32.2105, 53.2231

Protanopia

34.6676, 32.5172, 85.3382

Deuteranopia

32.9712, 32.2002, 49.2772



Tritanopia

47.3324, 32.1547, 20.2348

Trichromacy



Original Color

54.3268, 32.2105, 53.2231



Protanomaly

37.5649, 29.3167, 72.0854



Deuteranomaly

38.0680, 30.0599, 50.2501



Tritanomaly

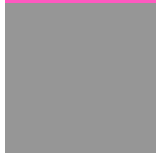
49.5691, 32.0256, 29.9545

Monochromacy



Original Color

54.3268, 32.2105, 53.2231



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

35.2497, 28.8463, 39.3073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3268, 32.2105, 53.2231 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, 89, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 192)  
}
```

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, 89, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 192) }
```

Border

The CSS property to change the border of an element to XYZ 54.3268, 32.2105, 53.2231 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, 89, 192) }
```


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

```
.border{ border-color:rgb(255, 89, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 89, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3268, 32.2105, 53.2231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 192) }
```

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

```
.background{ background-color: rgb(255, 89,  
192) }
```

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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