

Converting Colors

XYZ(53.8895, 32.0356, 50.9202)

Have a look what the booklet for
XYZ(53.8895, 32.0356, 50.9202)
contains.

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Color

**XYZ(53.8895, 32.0356,
50.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	FF59BC
RGB	255, 89, 188
RGB Percent	100%, 35%, 74%
CMY	0.0000, 0.6509, 0.2627
CMYK	0.00, 0.65, 0.26, 0.00
HSL	324°, 100%, 67%
HSV	324°, 65%, 100%
XYZ	53.8895, 32.0356, 50.9202
YIQ	149.9200, 67.1570, 65.9810

Conversions

Conversions Part 2

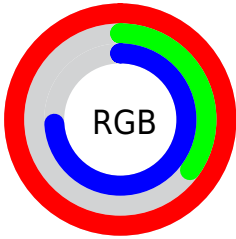
Format	Color
R _Y B	255, 89, 188
Decimal	16734652
CIE Lab	63.37, 71.71, -18.39
CIE LCh	63, 74.032, 345.615
Yxy	32.0356, 0.3938, 0.2341
Android (android.graphics.Color)	4294924732 (0xFFFF59BC)
YUV	149.9200, 18.7734, 92.1552
Hunter-Lab	56.6000, 70.9019, -13.7203

Details

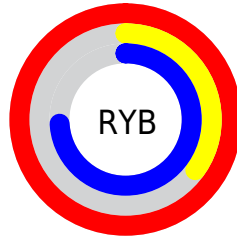
The XYZ color **53.8895, 32.0356, 50.9202** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **45.8822, 76.0449, 43.7162**, and the grayscale version is **28.8601, 30.3630, 33.0654**.

A 20% lighter version of the original color is **68.1590, 48.9715, 91.4480**, and **26.7081, 13.3923, 24.0990** is the 20% darker color. If you saturate the color by 10%, you get **51.0524, 28.0743, 44.6941**, and if you desaturate by 10%, it is **57.5418, 37.5006, 57.8092**.

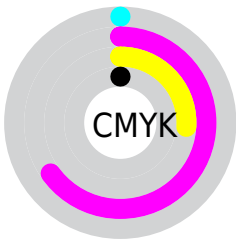
Distribution



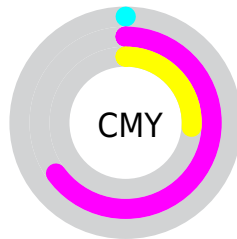
- Red (100%)
- Green (35%)
- Blue (74%)



- Red (100%)
- Yellow (35%)
- Blue (74%)



- Cyan (0%)
- Magenta (65%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8895, 32.0356, 50.9202 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 53.8895, 32.0356, 50.9202 by changing the saturation by 10% instead.


 53.8895, 32.0356,
50.9202

 53.8895, 32.0356,
50.9202


391.8937,
311.2814, 407.0914


 38.7436, 21.3887,
35.7688


 95.0698, 62.8669,
92.9471


 26.7402, 13.4084,
23.9674

 121.8350, 83.8201,
120.6597

 17.5138, 7.7104,
15.0975


 153.2040,
108.9775, 153.3964

 10.6990, 3.9102,
8.7404

 189.5422,
138.7235, 191.5759

 5.9306, 1.6235,
4.4778

231.2149,
173.4424, 235.6166

 2.8432, 0.3733,
1.8909

278.5875,

 1.0714, 0.0000,

213.5188, 285.9370

0.4870

332.0253,
259.3370, 342.9558

■ 0.0010, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.8895, 32.0356,
50.9202

■ 53.8895, 32.0356,
50.9202

■ 51.0524, 28.0743,
44.6941

■ 57.5418, 37.5006,
57.8092

■ 48.9469, 25.4522,
39.0938

■ 62.0768, 44.6018,
65.3904

■ 47.4740, 23.9740,
34.0785

■ 67.5574, 53.4624,
73.6927

■ 46.9135, 23.5294,
31.8064

■ 74.0396, 64.1924,
82.7422

81.5752, 76.8925,
92.5634

90.2120, 91.6566,
103.1792

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.



46.8724, 32.0356, 91.3524



53.8895, 32.0356, 50.9202



53.7290, 32.0356, 21.7547

Triad

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



53.8895, 32.0356, 50.9202



25.4322, 32.0356, 3.8333



18.6098, 32.0356, 92.9948

Complementary

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



53.8895, 32.0356, 50.9202



45.8822, 76.0449, 43.7162

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.



15.1036, 32.0356, 52.4457



53.8895, 32.0356, 50.9202



18.3945, 32.0356, 8.3777

Square

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



53.8895, 32.0356, 50.9202



35.6284, 32.0356, 3.7615



15.0349, 32.0356, 22.6228



25.7974, 32.0356, 123.4704

Rectangle

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



53.8895, 32.0356, 50.9202



49.5107, 32.0356, 11.2100



15.0349, 32.0356, 22.6228



17.0407, 32.0356, 79.3233

Sweetspot

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



53.8903, 32.0372, 50.9208



77.7438, 70.4101, 87.6476



35.2187, 21.3751, 96.8773



16.1956, 14.3227, 18.1755



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.



53.8903, 32.0372, 50.9208



50.3692, 27.1821, 43.0040



47.3943, 29.4388, 16.7134



18.4641, 18.1690, 21.0613



24.5892, 12.3250, 17.0190



2.4483, 1.2217, 1.9420

Inverse Universe

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



53.8903, 32.0372, 50.9208



50.3692, 27.1821, 43.0040



55.3723, 79.8409, 93.6905



18.4641, 18.1690, 21.0613



24.5892, 12.3250, 17.0190



2.4483, 1.2217, 1.9420

Previews

White Background



This preview shows how the XYZ color 53.8895, 32.0356, 50.9202 looks on a white background.

Color Contrast Check

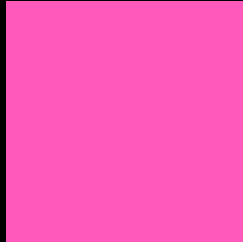
Large Text (above 18pt) WCAG AA × Fail

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 53.8895, 32.0356, 50.9202 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 53.8895, 32.0356, 50.9202

Background



This preview shows how black text looks on a background with the XYZ color 53.8895, 32.0356, 50.9202.



This preview shows how white text looks on a background with the XYZ color 53.8895, 32.0356,

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

53.8895, 32.0356, 50.9202

Protanopia

34.2320, 32.3764, 81.5358

Deuteranopia

32.7533, 32.1353, 47.1243



Tritanopia

47.5240, 32.1027, 19.9113

Trichromacy



Original Color

53.8895, 32.0356, 50.9202

Protanomaly

37.2568, 29.2188, 69.3218

Deuteranomaly

37.9009, 30.0222, 48.0532

Tritanomaly

49.3198, 31.7696, 29.1239

Monochromacy



Original Color

53.8895, 32.0356, 50.9202

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

35.1590, 28.8100, 38.8298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8895, 32.0356, 50.9202 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 188) }
```

Border

The CSS property to change the border of an element to XYZ 53.8895, 32.0356, 50.9202 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, 188) }
```


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

```
.border{ border-color:rgb(255, 89, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8895, 32.0356, 50.9202 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, 188) }
```

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

```
.background{ background-color: rgb(255, 89,  
188) }
```

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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