

Converting Colors

XYZ(58.1027, 34.6512, 33.1345)

Have a look what the booklet for
XYZ(58.1027, 34.6512, 33.1345)
contains.

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Color

**XYZ(50.4799, 30.6718,
32.9654)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5998
RGB	255, 89, 152
RGB Percent	100%, 35%, 60%
CMY	0.0000, 0.6509, 0.4039
CMYK	0.00, 0.65, 0.40, 0.00
HSL	337°, 100%, 67%
HSV	337°, 65%, 100%
XYZ	50.4799, 30.6718, 32.9654
YIQ	145.8160, 78.7130, 54.7850

Conversions

Conversions Part 2

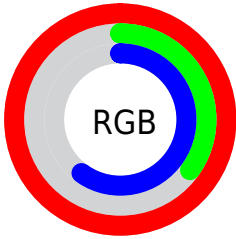
Format	Color
R _Y B	255, 89, 152
Decimal	16734616
CIE Lab	62.23, 67.72, 0.58
CIE LCh	62, 67.721, 0.493
Yxy	30.6718, 0.4424, 0.2688
Android (android.graphics.Color)	4294924696 (0xFFFF5998)
YUV	145.8160, 3.0487, 95.7544
Hunter-Lab	55.3821, 65.7811, 3.4760

Details

The XYZ color **50.4799, 30.6718, 32.9654** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **49.3963, 77.4505, 62.2207**, and the grayscale version is **27.2132, 28.6304, 31.1785**.

A 20% lighter version of the original color is **62.8143, 46.5837, 64.0734**, and **24.4983, 12.5911, 13.4510** is the 20% darker color. If you saturate the color by 10%, you get **47.5024, 26.6544, 25.9999**, and if you desaturate by 10%, it is **54.3665, 36.2306, 41.0875**.

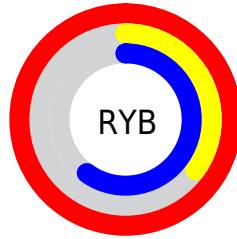
Distribution



Red (100%)

Green (35%)

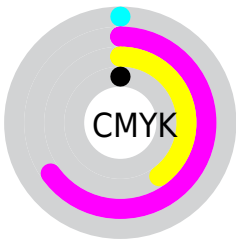
Blue (60%)



Red (100%)

Yellow (35%)

Blue (60%)

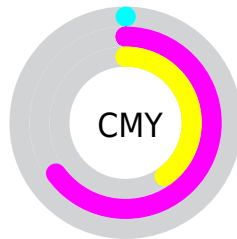


Cyan (0%)

Magenta (65%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (65%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4799, 30.6718, 32.9654 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 50.4799, 30.6718, 32.9654 by changing the saturation by 10% instead.


 50.4799, 30.6718,
32.9654


 50.4799, 30.6718,
32.9654


378.9607,
305.0234, 330.1210


 36.0142, 20.3491,
21.8290

 90.0731, 60.7230,
65.4369


 24.6153, 12.6490,
13.5342


 115.9313, 81.2202,
87.6091

 15.9179, 7.1873,
7.6624


 146.3177,
105.8777, 114.2970

 9.5566, 3.5795,
3.7950

 181.5978,
135.0799, 145.9192

 5.1659, 1.4413,
1.5136

222.1367,
169.2112, 182.8941

 2.3807, 0.2468,
0.2280

268.3000,

 0.8355, 0.0000,

208.6560, 225.6404

0.0000

320.4528,
253.7986, 274.5765

■ 0.0000, 0.0000,
0.0000

■ 50.4799, 30.6718,
32.9654

■ 50.4799, 30.6718,
32.9654

■ 47.5024, 26.6544,
25.9999

■ 54.3665, 36.2306,
41.0875

■ 45.3451, 24.0115,
20.1269

■ 59.2343, 43.4650,
50.4212

■ 43.9035, 22.5458,
15.2764

■ 65.1508, 52.5001,
61.0191

■ 43.3868, 22.1187,
13.2353

■ 72.1765, 63.4474,
72.9302

■ 80.3670, 76.4096,
86.2003

89.7743, 91.4820,
100.8730

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.



47.2664, 30.6718, 64.8042



50.4799, 30.6718, 32.9654



47.0581, 30.6718, 13.8217

Triad

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



50.4799, 30.6718, 32.9654



21.1173, 30.6718, 6.0992



21.3291, 30.6718, 99.0913

Complementary

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



50.4799, 30.6718, 32.9654



49.3963, 77.4505, 62.2207

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.



16.4856, 30.6718, 65.9776



50.4799, 30.6718, 32.9654



16.3825, 30.6718, 14.2423

Square

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



50.4799, 30.6718, 32.9654



29.0018, 30.6718, 4.1230



14.8799, 30.6718, 33.8311



29.3040, 30.6718, 113.1792

Rectangle

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



50.4799, 30.6718, 32.9654



41.8151, 30.6718, 7.6784



14.8799, 30.6718, 33.8311



19.3454, 30.6718, 89.1841

Sweetspot

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



50.4807, 30.6735, 32.9659



76.1999, 69.7925, 79.5174



43.2024, 25.4909, 97.2509



15.8266, 14.1751, 16.2326



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.



50.4807, 30.6735, 32.9659



46.7951, 25.7525, 24.1835



48.4458, 32.7860, 13.2284



18.2946, 18.1011, 20.1683



22.7374, 11.5842, 7.2675



2.2650, 1.1484, 0.9769

Inverse Universe

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



50.4807, 30.6735, 32.9659



46.7951, 25.7525, 24.1835



52.0611, 69.1250, 105.2062



18.2946, 18.1011, 20.1683



22.7374, 11.5842, 7.2675



2.2650, 1.1484, 0.9769

Previews

White Background



This preview shows how the XYZ color 50.4799, 30.6718, 32.9654 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 50.4799, 30.6718, 32.9654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

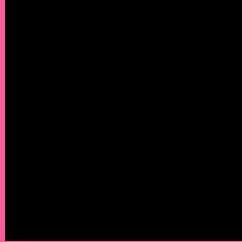
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4799, 30.6718, 32.9654

Background



This preview shows how black text looks on a background with the XYZ color 50.4799, 30.6718, 32.9654.



This preview shows how white text looks on a background with the XYZ color 50.4799, 30.6718,

32.9654.

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

50.4799, 30.6718, 32.9654

Protanopia

30.9173, 30.8317, 52.4657

Deuteranopia

31.4614, 30.8962, 30.6909



Tritanopia

47.1565, 30.6390, 16.7931

Trichromacy



Original Color

50.4799, 30.6718, 32.9654



Protanomaly

34.7172, 28.2584, 44.6989



Deuteranomaly

36.4195, 29.0532, 31.2921



Tritanomaly

48.1131, 30.4722, 21.7582

Monochromacy



Original Color

50.4799, 30.6718, 32.9654



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

32.9286, 27.2445, 31.5402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4799, 30.6718, 32.9654 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 152) }
```

Border

The CSS property to change the border of an element to XYZ 50.4799, 30.6718, 32.9654 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, 152) }
```


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

```
.border{ border-color:rgb(255, 89, 152) }
```

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, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4799, 30.6718, 32.9654 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, 152) }
```

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

```
.background{ background-color: rgb(255, 89,  
152) }
```

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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