

Converting Colors

XYZ(53.9277, 32.2045, 34.8583)

Have a look what the booklet for
XYZ(53.9277, 32.2045, 34.8583)
contains.

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Color

**XYZ(50.6489, 30.4767,
34.6656)**

Conversions

Conversions Part 1

Format	Color
Hex	FF579C
RGB	255, 87, 156
RGB Percent	100%, 34%, 61%
CMY	0.0000, 0.6588, 0.3882
CMYK	0.00, 0.66, 0.39, 0.00
HSL	335°, 100%, 67%
HSV	335°, 66%, 100%
XYZ	50.6489, 30.4767, 34.6656
YIQ	145.0980, 77.9790, 57.0750

Conversions

Conversions Part 2

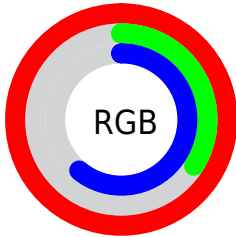
Format	Color
R_{YB}	255, 87, 156
Decimal	16734108
CIE _{Lab}	62.06, 68.89, -1.97
CIE _{LCh}	62, 68.914, 358.359
Yxy	30.4767, 0.4374, 0.2632
Android (android.graphics.Color)	4294924188 (0xFFFF579C)
YUV	145.0980, 5.3747, 96.3841
Hunter-Lab	55.2057, 67.1562, 1.4137

Details

The XYZ color **50.6489, 30.4767, 34.6656** 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 **48.5553, 77.0922, 58.7808**, and the grayscale version is **26.9117, 28.3132, 30.8331**.

A 20% lighter version of the original color is **63.1517, 46.4709, 66.6141**, and **24.6072, 12.4876, 14.4780** is the 20% darker color. If you saturate the color by 10%, you get **47.7417, 26.5745, 27.8019**, and if you desaturate by 10%, it is **54.4439, 35.9026, 42.6026**.

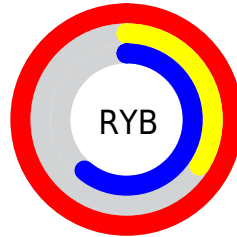
Distribution



Red (100%)

Green (34%)

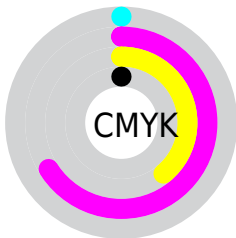
Blue (61%)



Red (100%)

Yellow (34%)

Blue (61%)

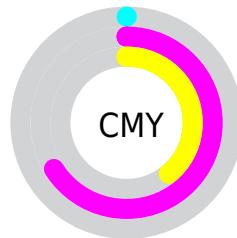


Cyan (0%)

Magenta (66%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (66%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6489, 30.4767, 34.6656 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 50.6489, 30.4767, 34.6656 by changing the saturation by 10% instead.


 50.6489, 30.4767,
34.6656


 50.6489, 30.4767,
34.6656


379.6083,
304.1202, 337.9491


 36.1492, 20.2007,
23.1239


 90.3217, 60.4152,
68.1131


 24.7201, 12.5410,
14.4789


 116.2254, 80.8466,
90.8560

 15.9962, 7.1133,
8.3119


 146.6612,
105.4318, 118.1696

 9.6123, 3.5330,
4.2046

 181.9944,
134.5553, 150.4727

 5.2030, 1.4159,
1.7382

222.5903,
168.6015, 188.1836

 2.4028, 0.2284,
0.3867

268.8144,

 0.8465, 0.0000,

207.9548, 231.7210

0.0000

321.0319,
252.9996, 281.5033

■ 0.0000, 0.0000,
0.0000

■ 50.6489, 30.4767,
34.6656

■ 50.6489, 30.4767,
34.6656

■ 47.7417, 26.5745,
27.8019

■ 54.4439, 35.9026,
42.6026

■ 45.6335, 24.0273,
21.9528

■ 59.1987, 42.9874,
51.6628

■ 44.2188, 22.6341,
17.0534

■ 64.9803, 51.8569,
61.8943

■ 43.7755, 22.2742,
15.2824

■ 71.8487, 62.6232,
73.3416

■ 79.8592, 75.3891,
86.0465

89.0631, 90.2502,
100.0484

95.0499, 100.0000,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.9153, 30.4767, 67.7502



50.6489, 30.4767, 34.6656



47.6219, 30.4767, 14.3835

Triad

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



50.6489, 30.4767, 34.6656



21.3090, 30.4767, 5.5037



20.5975, 30.4767, 98.2446

Complementary

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



50.6489, 30.4767, 34.6656



48.5553, 77.0922, 58.7808

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.



15.9581, 30.4767, 63.7610



50.6489, 30.4767, 34.6656



16.3032, 30.4767, 12.9831

Square

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



50.6489, 30.4767, 34.6656



29.4800, 30.4767, 3.8609



14.5700, 30.4767, 31.7451



28.4603, 30.4767, 114.6626

Rectangle

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



50.6489, 30.4767, 34.6656



42.4760, 30.4767, 7.8079



14.5700, 30.4767, 31.7451



18.6773, 30.4767, 87.7119

Sweetspot

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



50.6497, 30.4783, 34.6661



76.4159, 69.8790, 80.6551



41.4676, 24.3529, 97.1225



15.8780, 14.1956, 16.5033



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.



50.6497, 30.4783, 34.6661



47.0023, 25.6422, 25.8699



47.6152, 31.2574, 12.5427



18.3186, 18.1108, 20.2951



22.9435, 11.6667, 8.3528



2.2866, 1.1570, 1.0907

Inverse Universe

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



50.6497, 30.4783, 34.6661



47.0023, 25.6422, 25.8699



53.4369, 72.1577, 105.7189



18.3186, 18.1108, 20.2951



22.9435, 11.6667, 8.3528



2.2866, 1.1570, 1.0907

Previews

White Background



This preview shows how the XYZ color 50.6489, 30.4767, 34.6656 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 50.6489, 30.4767, 34.6656 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 50.6489, 30.4767, 34.6656

Background



This preview shows how black text looks on a background with the XYZ color 50.6489, 30.4767, 34.6656.



This preview shows how white text looks on a background with the XYZ color 50.6489, 30.4767,

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

50.6489, 30.4767, 34.6656

Protanopia

31.0790, 30.8383, 55.9441

Deuteranopia

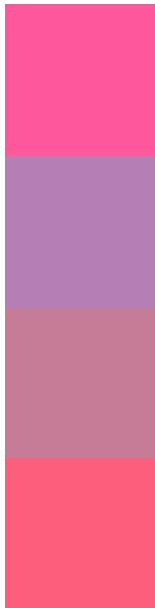
31.1966, 30.4959, 32.2590



Tritanopia

46.7953, 30.4528, 16.7762

Trichromacy



Original Color

50.6489, 30.4767, 34.6656

Protanomaly

34.8574, 28.0817, 47.2992

Deuteranomaly

36.0823, 28.6554, 32.9075

Tritanomaly

47.8752, 30.3351, 22.4007

Monochromacy



Original Color

50.6489, 30.4767, 34.6656

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

32.6401, 26.8995, 31.9056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6489, 30.4767, 34.6656 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, 87, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 156)  
}
```

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, 87, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 156) }
```

Border

The CSS property to change the border of an element to XYZ 50.6489, 30.4767, 34.6656 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, 87, 156) }
```


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

```
.border{ border-color:rgb(255, 87, 156) }
```

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

Here you see how a box with a 4 pixel rgb(255, 87, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6489, 30.4767, 34.6656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 87, 156) }
```

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

```
.background{ background-color: rgb(255, 87,  
156) }
```

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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