

Converting Colors

XYZ(34.6055, 19.4621, 50.4927)

Have a look what the booklet for
XYZ(34.6055, 19.4621, 50.4927)
contains.

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Color

**XYZ(34.6808, 19.5266,
50.6563)**

Conversions

Conversions Part 1

Format	Color
Hex	C740BE
RGB	199, 64, 190
RGB Percent	78%, 25%, 75%
CMY	0.2196, 0.7490, 0.2549
CMYK	0.00, 0.68, 0.05, 0.22
HSL	304°, 55%, 52%
HSV	304°, 68%, 78%
XYZ	34.6808, 19.5266, 50.6563
YIQ	118.7290, 40.0140, 67.8060

Conversions

Conversions Part 2

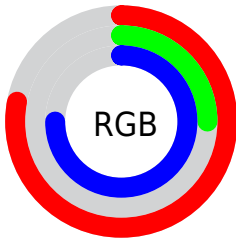
Format	Color
R_{YB}	199, 64, 190
Decimal	13058238
CIE _{Lab}	51.30, 67.21, -38.94
CIE _{LCh}	51, 77.679, 329.913
Yxy	19.5266, 0.3307, 0.1862
Android (android.graphics.Color)	4291248318 (0xFFC740BE)
YUV	118.7290, 35.1366, 70.3977
Hunter-Lab	44.1889, 62.7616, -37.0353

Details

The XYZ color **34.6808, 19.5266, 50.6563** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted rose. A complement of this color would be **23.7413, 42.4186, 13.2409**, and the grayscale version is **17.3339, 18.2366, 19.8597**.

A 20% lighter version of the original color is **64.9880, 41.8945, 92.6569**, and **15.4284, 7.4403, 23.9155** is the 20% darker color. If you saturate the color by 10%, you get **33.6080, 17.6115, 49.5866**, and if you desaturate by 10%, it is **36.1566, 22.2444, 51.8672**.

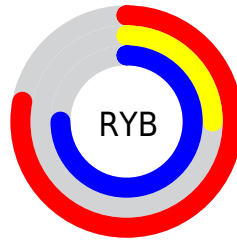
Distribution



Red (78%)

Green (25%)

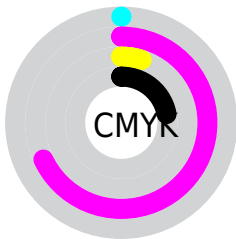
Blue (75%)



Red (78%)

Yellow (25%)

Blue (75%)

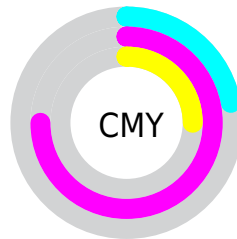


Cyan (0%)

Magenta (68%)

Yellow (5%)

Black (22%)



Cyan (22%)


Magenta (75%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6808, 19.5266, 50.6563 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 34.6808, 19.5266, 50.6563 by changing the saturation by 10% instead.

 34.6808, 19.5266,
50.6563


 34.6808, 19.5266,
50.6563

314.6899,
249.3407, 406.0353

 23.5825, 12.0514,
35.5603


 66.3283, 42.6221,
92.5528


 15.1472, 6.7787,
23.8078


 87.6081, 59.0111,
120.1904


 9.0098, 3.3241,
14.9802


 113.0125, 79.1402,
152.8457

 4.8047, 1.3032,
8.6591

 142.9067,
103.3938, 190.9371

 2.1667, 0.1437,
4.4257

 177.6563,
132.1562, 234.8832

 0.7251, 0.0000,
1.8617

217.6264,

 0.0000, 0.0000,

165.8119, 285.1026

0.4682

263.1825,
204.7453, 342.0138

■ 0.0000, 0.0000,
0.0000

■ 34.6808, 19.5266,
50.6563

■ 34.6808, 19.5266,
50.6563

■ 33.6080, 17.6115,
49.5866

■ 36.1566, 22.2444,
51.8672

■ 32.8912, 16.4068,
48.6419

■ 38.0714, 25.8389,
53.2308

■ 32.4652, 15.7817,
47.8006

■ 40.4599, 30.3784,
54.7588

■ 32.3880, 15.6761,
47.6243

■ 43.3524, 35.9240,
56.4614

■ 46.7771, 42.5316,
58.3480

■ 50.7596, 50.2529,
60.4271

■ 55.3243, 59.1364,
62.7069

■ 60.4939, 69.2275,
65.1950

■ 66.2900, 80.5693,
67.8985

Harmonies

Analogous

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



27.0320, 19.5266, 83.9067



34.6808, 19.5266, 50.6563



37.8187, 19.5266, 21.3261

Triad

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



34.6808, 19.5266, 50.6563



18.5821, 19.5266, 0.7526



8.4033, 19.5266, 50.4560

Complementary

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



34.6808, 19.5266, 50.6563



23.7413, 42.4186, 13.2409

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.



7.2857, 19.5266, 21.1963



34.6808, 19.5266, 50.6563



12.0728, 19.5266, 1.5719

Square

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



34.6808, 19.5266, 50.6563



27.0825, 19.5266, 1.5834



8.4167, 19.5266, 6.2351



12.0433, 19.5266, 83.7447

Rectangle

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



34.6808, 19.5266, 50.6563



36.4039, 19.5266, 9.7816



8.4167, 19.5266, 6.2351



7.7742, 19.5266, 39.3731

Sweetspot

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



34.6815, 19.5275, 50.6567



80.3402, 71.4486, 101.3198



14.8908, 9.2078, 55.0259



16.8236, 14.5739, 21.4827



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.



34.6815, 19.5275, 50.6567



58.2268, 29.7754, 86.0766



28.9314, 17.2275, 20.3770



11.0514, 10.8039, 13.2539



20.8389, 10.0851, 30.6912



0.9961, 0.4813, 1.5028

Inverse Universe

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



34.6815, 19.5275, 50.6567



58.2268, 29.7754, 86.0766



27.3093, 43.8458, 32.0298



11.0514, 10.8039, 13.2539



20.8389, 10.0851, 30.6912



0.9961, 0.4813, 1.5028

Previews

White Background



This preview shows how the XYZ color 34.6808, 19.5266, 50.6563 looks on a white background.

Color Contrast Check

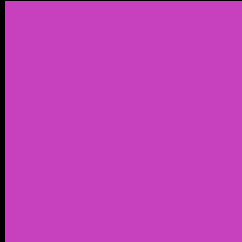
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6808, 19.5266, 50.6563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

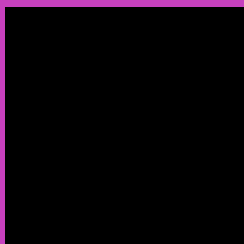
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.6808, 19.5266, 50.6563

Background



This preview shows how black text looks on a background with the XYZ color 34.6808, 19.5266, 50.6563.



This preview shows how white text looks on a background with the XYZ color 34.6808, 19.5266,

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

34.6808, 19.5266, 50.6563

Protanopia

23.5916, 20.1379, 85.0817

Deuteranopia

20.3370, 19.8519, 46.4760



Tritanopia

27.0655, 19.3740, 14.1174

Trichromacy



Original Color

34.6808, 19.5266, 50.6563



Protanomaly

23.3556, 17.1407, 71.1847



Deuteranomaly

23.2971, 17.9189, 47.5782



Tritanomaly

29.1745, 19.0380, 23.9668

Monochromacy



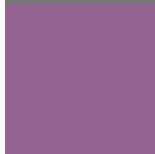
Original Color

34.6808, 19.5266, 50.6563



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

21.7854, 17.2639, 28.9721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6808, 19.5266, 50.6563 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(199, 64, 190)` looks like.

```
.text, #text, p{  
    color:rgb(199, 64, 190)  
}
```

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(199, 64, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 64, 190) }
```

Border

The CSS property to change the border of an element to XYZ 34.6808, 19.5266, 50.6563 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(199, 64, 190) }
```


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

```
.border{ border-color:rgb(199, 64, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 64, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 64, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 64, 190);  
box-shadow:4px 4px 4px 4px rgb(199, 64,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6808, 19.5266, 50.6563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 64, 190) }
```

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

```
.background{ background-color: rgb(199, 64,  
190) }
```

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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