

Converting Colors

XYZ(34.0784, 19.6661, 50.1439)

Have a look what the booklet for
XYZ(34.0784, 19.6661, 50.1439)
contains.

XYZ(34.0784, 19.6661, 50.1439)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.0784, 19.6661,
50.1439)**

Conversions

Conversions Part 1

Format	Color
Hex	C445BD
RGB	196, 69, 189
RGB Percent	77%, 27%, 74%
CMY	0.2314, 0.7294, 0.2588
CMYK	0.00, 0.65, 0.04, 0.23
HSL	303°, 52%, 52%
HSV	303°, 65%, 77%
XYZ	34.0784, 19.6661, 50.1439
YIQ	120.6530, 37.1720, 64.2440

Conversions

Conversions Part 2

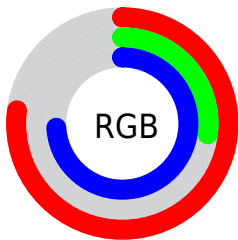
Format	Color
R _Y B	196, 69, 189
Decimal	12862909
CIE Lab	51.46, 64.44, -38.14
CIE LCh	51, 74.885, 329.380
Yxy	19.6661, 0.3280, 0.1893
Android (android.graphics.Color)	4291052989 (0xFFC445BD)
YUV	120.6530, 33.6951, 66.0793
Hunter-Lab	44.3465, 59.5634, -35.9985

Details

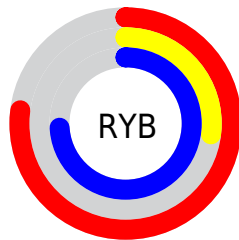
The XYZ color **34.0784, 19.6661, 50.1439** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **23.4996, 41.2678, 13.5656**, and the grayscale version is **17.9496, 18.8844, 20.5651**.

A 20% lighter version of the original color is **65.3354, 42.8355, 92.0133**, and **15.0206, 7.2382, 23.5271** is the 20% darker color. If you saturate the color by 10%, you get **32.9491, 17.5940, 49.1911**, and if you desaturate by 10%, it is **35.6081, 22.5365, 51.2348**.

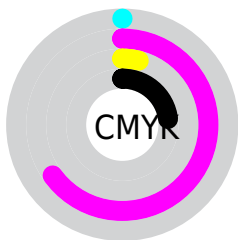
Distribution



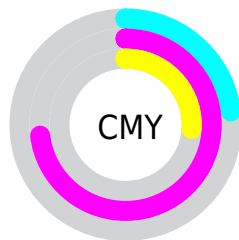
- Red (77%)
- Green (27%)
- Blue (74%)



- Red (77%)
- Yellow (27%)
- Blue (74%)



- Cyan (0%)
- Magenta (65%)
- Yellow (4%)
- Black (23%)



- Cyan (23%)
- Magenta (73%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0784, 19.6661, 50.1439 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 34.0784, 19.6661, 50.1439 by changing the saturation by 10% instead.

34.0784, 19.6661,
50.1439

34.0784, 19.6661,
50.1439

312.0613,
250.1017, 403.9796

23.1170, 12.1526,
35.1558

65.3990, 42.8567,
91.7865

14.8011, 6.8477,
23.4984

86.4890, 59.3025,
119.2781

8.7653, 3.3670,
14.7532

111.6859, 79.4945,
151.7746

4.6443, 1.3262,
8.5017

141.3550,
103.8172, 189.6946

2.0727, 0.1614,
4.3252

175.8618,
132.6548, 233.4565

0.6743, 0.0000,
1.8054

215.5715,

0.0000, 0.0000,

166.3919, 283.4790

0.4315

260.8495,
205.4127, 340.1805

■ 0.0000, 0.0000,
0.0000

■ 34.0784, 19.6661,
50.1439

■ 34.0784, 19.6661,
50.1439

■ 32.9491, 17.5940,
49.1911

■ 35.6081, 22.5365,
51.2348

■ 32.1771, 16.2356,
48.3615

■ 37.5713, 26.2732,
52.4744

■ 31.7134, 15.4924,
47.6390

■ 40.0004, 30.9402,
53.8736

■ 31.5430, 15.2470,
47.2882

■ 42.9239, 36.5946,
55.4420

■ 46.3681, 43.2888,
57.1882

■ 50.3573, 51.0718,
59.1205

■ 54.9145, 59.9893,
61.2465

■ 60.0612, 70.0844,
63.5734

■ 65.8178, 81.3979,
66.1079

Harmonies

Analogous

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



26.7103, 19.6661, 81.4570



34.0784, 19.6661, 50.1439



37.1715, 19.6661, 21.8637

Triad

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



34.0784, 19.6661, 50.1439



18.8487, 19.6661, 0.9676



8.7204, 19.6661, 48.7893

Complementary

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



34.0784, 19.6661, 50.1439



23.4996, 41.2678, 13.5656

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.



7.6506, 19.6661, 20.9686



34.0784, 19.6661, 50.1439



12.4643, 19.6661, 1.8110

Square

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



34.0784, 19.6661, 50.1439



27.0551, 19.6661, 1.8986



8.8147, 19.6661, 6.4997



12.2588, 19.6661, 80.3713

Rectangle

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



34.0784, 19.6661, 50.1439



35.8937, 19.6661, 10.4117



8.8147, 19.6661, 6.4997



8.1101, 19.6661, 38.2792

Sweetspot

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



34.0791, 19.6670, 50.1443



81.0669, 72.7171, 102.1322



15.0219, 9.7527, 53.3161



16.9695, 14.8220, 21.6658



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.



34.0791, 19.6670, 50.1443



58.9935, 30.6318, 88.4192



28.6696, 17.5032, 21.6581



10.4725, 10.2376, 12.5789



20.2781, 9.8010, 30.4403



0.8836, 0.4265, 1.3545

Inverse Universe

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



34.0791, 19.6670, 50.1443



58.9935, 30.6318, 88.4192



26.8443, 42.6057, 31.1788



10.4725, 10.2376, 12.5789



20.2781, 9.8010, 30.4403



0.8836, 0.4265, 1.3545

Previews

White Background



This preview shows how the XYZ color 34.0784, 19.6661, 50.1439 looks on a white background.

Color Contrast Check

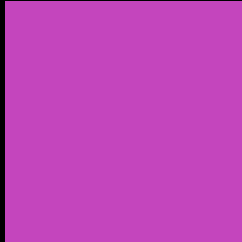
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0784, 19.6661, 50.1439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

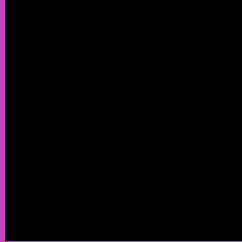
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.0784, 19.6661, 50.1439

Background



This preview shows how black text looks on a background with the XYZ color 34.0784, 19.6661, 50.1439.



This preview shows how white text looks on a background with the XYZ color 34.0784, 19.6661,

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

34.0784, 19.6661, 50.1439

Protanopia

23.3959, 20.1216, 81.2480

Deuteranopia

20.3433, 19.8670, 45.9425



Tritanopia

26.7402, 19.5828, 14.9409

Trichromacy



Original Color

34.0784, 19.6661, 50.1439



Protanomaly

23.6152, 17.6205, 68.4861



Deuteranomaly

23.2290, 18.1877, 47.0860



Tritanomaly

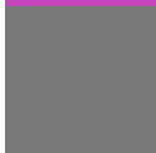
28.8661, 19.3240, 24.7627

Monochromacy



Original Color

34.0784, 19.6661, 50.1439



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

22.1524, 17.8740, 29.4766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0784, 19.6661, 50.1439 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(196, 69, 189)` looks like.

```
.text, #text, p{  
    color:rgb(196, 69, 189)  
}
```

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(196, 69, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 69, 189) }
```

Border

The CSS property to change the border of an element to XYZ 34.0784, 19.6661, 50.1439 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(196, 69, 189) }
```


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

```
.border{ border-color:rgb(196, 69, 189) }
```

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

Here you see how a box with a 4 pixel rgb(196, 69, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 69, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 69, 189);  
box-shadow:4px 4px 4px 4px rgb(196, 69,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0784, 19.6661, 50.1439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 69, 189) }
```

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

```
.background{ background-color: rgb(196, 69,  
189) }
```

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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