

Converting Colors

XYZ(34.0916, 19.4961, 30.8205)

Have a look what the booklet for
XYZ(34.0916, 19.4961, 30.8205)
contains.

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Color

**XYZ(34.0916, 19.4961,
30.8205)**

Conversions

Conversions Part 1

Format	Color
Hex	D33E96
RGB	211, 62, 150
RGB Percent	83%, 24%, 59%
CMY	0.1725, 0.7568, 0.4118
CMYK	0.00, 0.71, 0.29, 0.17
HSL	325°, 63%, 54%
HSV	325°, 71%, 83%
XYZ	34.0916, 19.4961, 30.8205
YIQ	116.5830, 60.5560, 58.9560

Conversions

Conversions Part 2

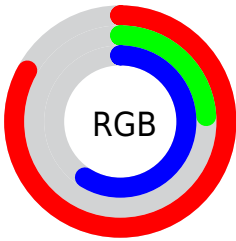
Format	Color
R_{YB}	211, 62, 150
Decimal	13844118
CIE Lab	51.26, 65.33, -15.35
CIE LCh	51, 67.108, 346.779
Yxy	19.4961, 0.4039, 0.2310
Android (android.graphics.Color)	4292034198 (0xFFD33E96)
YUV	116.5830, 16.4746, 82.8037
Hunter-Lab	44.1544, 60.5497, -10.4773

Details

The XYZ color **34.0916, 19.4961, 30.8205** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **28.8571, 49.0433, 26.6870**, and the grayscale version is **16.7185, 17.5892, 19.1546**.

A 20% lighter version of the original color is **58.9765, 39.2944, 61.6029**, and **15.2010, 7.5763, 12.4656** is the 20% darker color. If you saturate the color by 10%, you get **32.4885, 17.3624, 26.9796**, and if you desaturate by 10%, it is **36.1923, 22.5428, 35.0806**.

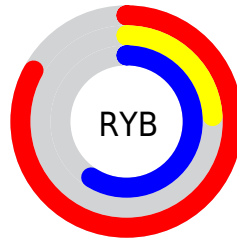
Distribution



Red (83%)

Green (24%)

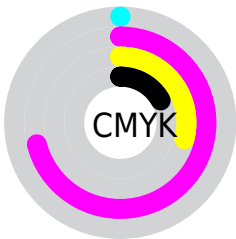
Blue (59%)



Red (83%)

Yellow (24%)

Blue (59%)

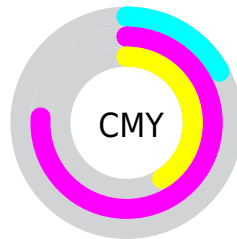


Cyan (0%)

Magenta (71%)

Yellow (29%)

Black (17%)



Cyan (17%)

Magenta (76%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0916, 19.4961, 30.8205 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 34.0916, 19.4961, 30.8205 by changing the saturation by 10% instead.

■ 34.0916, 19.4961,
30.8205

■ 34.0916, 19.4961,
30.8205

312.1190,
249.1740, 320.0361

■ 23.1272, 12.0293,
20.2049

■ 65.4194, 42.5707,
62.0336

■ 14.8087, 6.7636,
12.3585

■ 86.5136, 58.9473,
83.4682

■ 8.7707, 3.3147,
6.8628

■ 111.7150, 79.0627,
109.3462

■ 4.6478, 1.2982,
3.2993

■ 141.3891,
103.3011, 140.0861

■ 2.0747, 0.1398,
1.2494

■ 175.9012,
132.0471, 176.1065

■ 0.6754, 0.0000,
0.0198

215.6166,

■ 0.0000, 0.0000,

165.6850, 217.8260

0.0000

260.9008,
204.5991, 265.6630

■ 34.0916, 19.4961,
30.8205

■ 34.0916, 19.4961,
30.8205

■ 32.4885, 17.3624,
26.9796

■ 36.1923, 22.5428,
35.0806

■ 31.3254, 16.0283,
23.5329

■ 38.8362, 26.5919,
39.7799

■ 30.5410, 15.3197,
20.6200

■ 42.0650, 31.7257,
44.9377

■ 45.9161, 38.0169,
50.5712

■ 50.4234, 45.5320,
56.6966

■ 55.6184, 54.3323,
63.3291

■ 61.5305, 64.4751,
70.4831

■ 68.1871, 76.0140,
78.1722

■ 75.6145, 88.9999,
86.4095

Harmonies

Analogous

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



29.5779, 19.4961, 57.7858



34.0916, 19.4961, 30.8205



33.7820, 19.4961, 12.2676

Triad

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



34.0916, 19.4961, 30.8205



15.0584, 19.4961, 1.8829



11.0416, 19.4961, 60.9986

Complementary

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



34.0916, 19.4961, 30.8205



28.8571, 49.0433, 26.6870

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.



8.7393, 19.4961, 33.7428



34.0916, 19.4961, 30.8205



10.6463, 19.4961, 4.6712

Square

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



34.0916, 19.4961, 30.8205



21.6318, 19.4961, 1.7675



8.6146, 19.4961, 13.8661



15.7407, 19.4961, 81.1072

Rectangle

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



34.0916, 19.4961, 30.8205



30.8654, 19.4961, 5.9253



8.6146, 19.4961, 13.8661



10.0169, 19.4961, 51.8199

Sweetspot

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



34.0922, 19.4971, 30.8208



76.9505, 69.1309, 86.4354



21.4512, 12.2582, 62.8636



16.0387, 14.0732, 17.9252



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.



34.0922, 19.4971, 30.8208



48.8478, 25.4250, 38.5340



29.9234, 17.8296, 8.8684



12.0975, 11.9237, 13.7890



18.4835, 9.2662, 12.7180



1.0724, 0.5337, 0.9159

Inverse Universe

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



34.0922, 19.4971, 30.8208



48.8478, 25.4250, 38.5340



35.2568, 51.6032, 60.3871



12.0975, 11.9237, 13.7890



18.4835, 9.2662, 12.7180



1.0724, 0.5337, 0.9159

Previews

White Background



This preview shows how the XYZ color 34.0916, 19.4961, 30.8205 looks on a white background.

Color Contrast Check

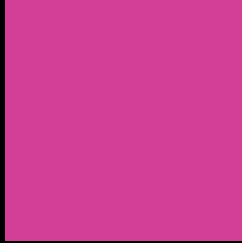
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0916, 19.4961, 30.8205 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 34.0916, 19.4961, 30.8205

Background



This preview shows how black text looks on a background with the XYZ color 34.0916, 19.4961, 30.8205.



This preview shows how white text looks on a background with the XYZ color 34.0916, 19.4961,

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

34.0916, 19.4961, 30.8205

Protanopia

21.0548, 19.7255, 52.5669

Deuteranopia

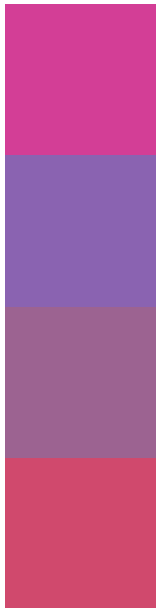
20.0564, 19.7459, 28.3454



Tritanopia

29.9620, 19.5150, 10.7819

Trichromacy



Original Color

34.0916, 19.4961, 30.8205

Protanomaly

22.8789, 17.5013, 43.7672

Deuteranomaly

23.2830, 18.0359, 29.0422

Tritanomaly

31.1553, 19.2791, 16.5472

Monochromacy



Original Color

34.0916, 19.4961, 30.8205

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

20.9996, 16.7137, 22.8881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0916, 19.4961, 30.8205 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(211, 62, 150)` looks like.

```
.text, #text, p{  
    color:rgb(211, 62, 150)  
}
```

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(211, 62, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 62, 150) }
```

Border

The CSS property to change the border of an element to XYZ 34.0916, 19.4961, 30.8205 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(211, 62, 150) }
```


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

```
.border{ border-color:rgb(211, 62, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 62, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 62, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 62, 150);  
box-shadow:4px 4px 4px 4px rgb(211, 62,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0916, 19.4961, 30.8205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 62, 150) }
```

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

```
.background{ background-color: rgb(211, 62,  
150) }
```

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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