

Converting Colors

XYZ(34.3377, 19.4638, 38.0235)

Have a look what the booklet for
XYZ(34.3377, 19.4638, 38.0235)
contains.

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Color

**XYZ(34.3377, 19.4638,
38.0235)**

Conversions

Conversions Part 1

Format	Color
Hex	CF3EA6
RGB	207, 62, 166
RGB Percent	81%, 24%, 65%
CMY	0.1882, 0.7568, 0.3490
CMYK	0.00, 0.70, 0.20, 0.19
HSL	317°, 60%, 53%
HSV	317°, 70%, 81%
XYZ	34.3377, 19.4638, 38.0235
YIQ	117.2110, 53.0360, 63.0840

Conversions

Conversions Part 2

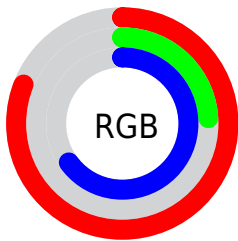
Format	Color
R_{YB}	207, 62, 166
Decimal	13581990
CIE _{Lab}	51.23, 66.34, -24.93
CIE _{LCh}	51, 70.873, 339.402
Yxy	19.4638, 0.3739, 0.2120
Android (android.graphics.Color)	4291772070 (0xFFCF3EA6)
YUV	117.2110, 24.0530, 78.7450
Hunter-Lab	44.1178, 61.7237, -20.2174

Details

The XYZ color **34.3377, 19.4638, 38.0235** 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 **26.7487, 46.6298, 20.4247**, and the grayscale version is **16.8912, 17.7709, 19.3525**.

A 20% lighter version of the original color is **61.1285, 40.1552, 72.9355**, and **15.4317, 7.6045, 16.5741** is the 20% darker color. If you saturate the color by 10%, you get **32.8940, 17.4160, 34.9531**, and if you desaturate by 10%, it is **36.2356, 22.3803, 41.3662**.

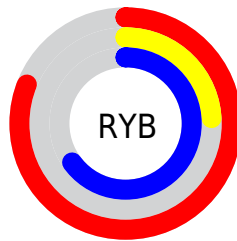
Distribution



Red (81%)

Green (24%)

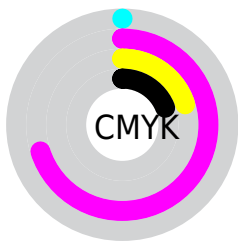
Blue (65%)



Red (81%)

Yellow (24%)

Blue (65%)

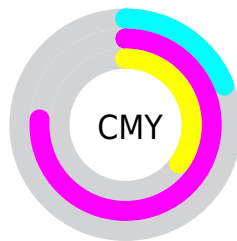


Cyan (0%)

Magenta (70%)

Yellow (20%)

Black (19%)



Cyan (19%)


Magenta (76%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3377, 19.4638, 38.0235 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 34.3377, 19.4638, 38.0235 by changing the saturation by 10% instead.

 34.3377, 19.4638,
38.0235


 34.3377, 19.4638,
38.0235


313.1947,
248.9974, 353.0220

 23.3173, 12.0059,
25.6990


 65.7993, 42.5164,
73.3480


 14.9499, 6.7477,
16.3748


 86.9711, 58.8798,
97.1850


 8.8703, 3.3048,
9.6326


 112.2575, 78.9805,
125.6966

 4.7131, 1.2929,
5.0536

 142.0238,
103.2029, 159.3013

 2.1130, 0.1357,
2.2195

 176.6353,
131.9314, 198.4176

 0.6962, 0.0000,
0.6856

216.4574,

 0.0000, 0.0000,

165.5504, 243.4642

0.0000

261.8554,
204.4443, 294.8594

■ 34.3377, 19.4638,
38.0235

■ 34.3377, 19.4638,
38.0235

■ 32.8940, 17.4160,
34.9531

■ 36.2356, 22.3803,
41.3662

■ 31.8505, 16.1304,
32.1350

■ 38.6298, 26.2500,
44.9963

■ 31.1146, 15.4184,
29.5470

■ 41.5593, 31.1502,
48.9286

■ 45.0588, 37.1498,
53.1760

■ 49.1599, 44.3117,
57.7506

■ 53.8920, 52.6939,
62.6636

■ 59.2823, 62.3505,
67.9255

■ 65.3565, 73.3324,
73.5463

■ 72.1389, 85.6878,
79.5354

Harmonies

Analogous

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



28.5232, 19.4638, 67.6627



34.3377, 19.4638, 38.0235



35.3835, 19.4638, 15.4554

Triad

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



34.3377, 19.4638, 38.0235



16.3697, 19.4638, 1.3234



9.8681, 19.4638, 56.6867

Complementary

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



34.3377, 19.4638, 38.0235



26.7487, 46.6298, 20.4247

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.



8.0792, 19.4638, 28.1988



34.3377, 19.4638, 38.0235



11.1518, 19.4638, 3.1108

Square

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



34.3377, 19.4638, 38.0235



23.6982, 19.4638, 1.6571



8.4803, 19.4638, 10.2468



14.1232, 19.4638, 82.3874

Rectangle

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



34.3377, 19.4638, 38.0235



33.0249, 19.4638, 7.2632



8.4803, 19.4638, 10.2468



9.0146, 19.4638, 46.5808

Sweetspot

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



34.3383, 19.4648, 38.0239



77.9387, 69.5262, 91.6392



18.3159, 10.6990, 60.1317



16.2748, 14.1676, 19.1684



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.



34.3383, 19.4648, 38.0239



51.8120, 26.7465, 53.7242



29.5593, 17.5532, 12.8578



12.1623, 11.9497, 14.1305



19.6458, 9.7311, 18.8386



1.1315, 0.5573, 1.2274

Inverse Universe

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



34.3383, 19.4648, 38.0239



51.8120, 26.7465, 53.7242



31.8593, 48.6740, 47.3368



12.1623, 11.9497, 14.1305



19.6458, 9.7311, 18.8386



1.1315, 0.5573, 1.2274

Previews

White Background



This preview shows how the XYZ color 34.3377, 19.4638, 38.0235 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 34.3377, 19.4638, 38.0235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

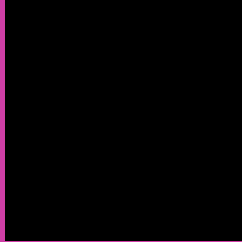
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3377, 19.4638, 38.0235

Background



This preview shows how black text looks on a background with the XYZ color 34.3377, 19.4638, 38.0235.



This preview shows how white text looks on a background with the XYZ color 34.3377, 19.4638,

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

34.3377, 19.4638, 38.0235

Protanopia

22.0798, 19.9802, 64.9802

Deuteranopia

20.0905, 19.6146, 35.0749



Tritanopia

28.8352, 19.3582, 11.8896

Trichromacy



Original Color

34.3377, 19.4638, 38.0235



Protanomaly

23.0646, 17.3758, 53.7680



Deuteranomaly

23.2893, 17.8865, 35.9432



Tritanomaly

30.4831, 19.1734, 19.2337

Monochromacy



Original Color

34.3377, 19.4638, 38.0235



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

21.2255, 16.7827, 25.0423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3377, 19.4638, 38.0235 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(207, 62, 166)` looks like.

```
.text, #text, p{  
    color:rgb(207, 62, 166)  
}
```

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(207, 62, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 62, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.3377, 19.4638, 38.0235 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(207, 62, 166) }
```


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

```
.border{ border-color:rgb(207, 62, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 62, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 62, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 62, 166);  
box-shadow:4px 4px 4px 4px rgb(207, 62,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3377, 19.4638, 38.0235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 62, 166) }
```

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

```
.background{ background-color: rgb(207, 62,  
166) }
```

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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