

Converting Colors

XYZ(34.3138, 27.0552, 34.8083)

Have a look what the booklet for
XYZ(34.3138, 27.0552, 34.8083)
contains.

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Color

**XYZ(34.2031, 26.9096,
34.8439)**

Conversions

Conversions Part 1

Format	Color
Hex	BF789C
RGB	191, 120, 156
RGB Percent	75%, 47%, 61%
CMY	0.2510, 0.5294, 0.3882
CMYK	0.00, 0.37, 0.18, 0.25
HSL	330°, 36%, 61%
HSV	330°, 37%, 75%
XYZ	34.2031, 26.9096, 34.8439
YIQ	145.3330, 30.7600, 26.2480

Conversions

Conversions Part 2

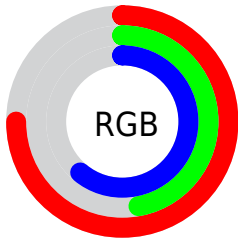
Format	Color
RYB	191, 120, 156
Decimal	12548252
CIELab	58.89, 32.84, -7.68
CIElCh	59, 33.723, 346.839
Yxy	26.9096, 0.3564, 0.2804
Android (android.graphics.Color)	4290738332 (0xFFBF789C)
YUV	145.3330, 5.2588, 40.0500
Hunter-Lab	51.8745, 26.9125, -3.5128

Details

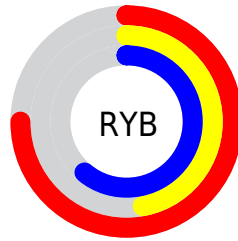
The XYZ color **34.2031, 26.9096, 34.8439** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.2941, 43.6220, 37.7302**, and the grayscale version is **27.0203, 28.4274, 30.9575**.

A 20% lighter version of the original color is **65.6433, 54.6800, 68.0673**, and **14.8933, 10.6345, 14.6323** is the 20% darker color. If you saturate the color by 10%, you get **31.3644, 22.4589, 30.1152**, and if you desaturate by 10%, it is **37.5634, 32.3039, 40.0520**.

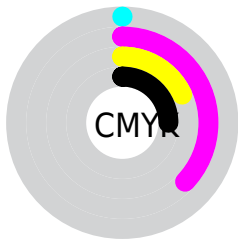
Distribution



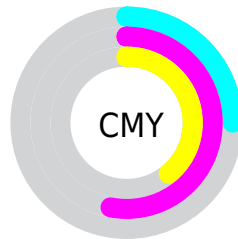
- Red (75%)
- Green (47%)
- Blue (61%)



- Red (75%)
- Yellow (47%)
- Blue (61%)



- Cyan (0%)
- Magenta (37%)
- Yellow (18%)
- Black (25%)





- Cyan (25%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2031, 26.9096, 34.8439 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 34.2031, 26.9096, 34.8439 by changing the saturation by 10% instead.


 34.2031, 26.9096,
34.8439


 34.2031, 26.9096,
34.8439


312.6067,
287.2192, 338.7621


 23.2133, 17.5053,
23.2601

 65.5916, 54.7388,
68.3927

 14.8726, 10.5954,
14.5786


 86.7210, 73.9325,
91.1947

 8.8158, 5.7955,
8.3808


 111.9609, 97.1581,
118.5733

 4.6774, 2.7211,
4.2483

141.6768,
124.8001, 150.9468

 2.0920, 0.9879,
1.7625

176.2340,
157.2428, 188.7339

 0.6849, 0.0000,
0.4031

215.9978,

 0.0000, 0.0000,

194.8706, 232.3532

0.0000

261.3336,
238.0679, 282.2230

■ 34.2031, 26.9096,
34.8439

■ 34.2031, 26.9096,
34.8439

■ 31.3644, 22.4589,
30.1152

■ 37.5634, 32.3039,
40.0520

■ 29.0161, 18.8926,
25.8478

■ 41.4693, 38.6887,
45.7534

■ 27.1272, 16.1508,
22.0245


■ 45.9463, 46.1125,
51.9633


■ 25.6621, 14.1645,
18.6261


■ 51.0174, 54.6193,
58.6955

■ 24.5792, 12.8531,
15.6311


■ 56.7044, 64.2506,
65.9634


 23.8210, 12.1043,
13.0122

 63.0279, 75.0458,
73.7799

 23.6363, 11.9365,
12.3285

 70.0075, 87.0424,
82.1571

 71.7163, 88.3846,
89.1252

 73.0851, 88.9321,
96.3331

Harmonies

Analogous

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



31.8808, 26.9096, 47.9763



34.2031, 26.9096, 34.8439



34.0417, 26.9096, 23.1401

Triad

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



34.2031, 26.9096, 34.8439



23.3242, 26.9096, 12.3622



20.4760, 26.9096, 49.4385

Complementary

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



34.2031, 26.9096, 34.8439



32.2941, 43.6220, 37.7302

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.



18.6461, 26.9096, 36.4662



34.2031, 26.9096, 34.8439



20.1639, 26.9096, 16.2347

Square

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



34.2031, 26.9096, 34.8439



27.4456, 26.9096, 12.1489



18.5384, 26.9096, 24.3777



23.7947, 26.9096, 57.8209

Rectangle

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



34.2031, 26.9096, 34.8439



32.5434, 26.9096, 17.5785



18.5384, 26.9096, 24.3777



19.6829, 26.9096, 45.3323

Sweetspot

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



34.2039, 26.9109, 34.8444



78.9539, 77.0354, 88.5022



29.5084, 24.0971, 52.3865



17.0950, 16.5140, 19.0983



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.2039, 26.9109, 34.8444



56.8589, 41.2851, 55.1189



31.6658, 25.8956, 21.4790



9.7265, 9.6149, 10.9490



15.5741, 7.8608, 8.3168



0.6430, 0.3211, 0.4995

Inverse Universe

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



34.2039, 26.9109, 34.8444



56.8589, 41.2851, 55.1189



35.6516, 44.9650, 55.4107



9.7265, 9.6149, 10.9490



15.5741, 7.8608, 8.3168



0.6430, 0.3211, 0.4995

Previews

White Background



This preview shows how the XYZ color 34.2031, 26.9096, 34.8439 looks on a white background.

Color Contrast Check

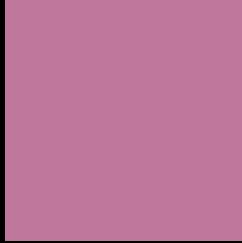
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2031, 26.9096, 34.8439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

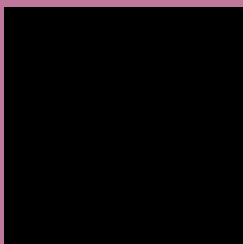
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2031, 26.9096, 34.8439

Background



This preview shows how black text looks on a background with the XYZ color 34.2031, 26.9096, 34.8439.



This preview shows how white text looks on a background with the XYZ color 34.2031, 26.9096,

34.8439.

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

34.2031, 26.9096, 34.8439

Protanopia

26.9339, 27.1863, 41.8581

Deuteranopia

27.6007, 27.0562, 33.9046



Tritanopia

32.4276, 26.9276, 25.6787

Trichromacy



Original Color

34.2031, 26.9096, 34.8439

Protanomaly

28.8894, 26.5596, 39.2012

Deuteranomaly

29.6749, 26.6727, 34.1562

Tritanomaly

33.1259, 27.0362, 28.6719

Monochromacy



Original Color

34.2031, 26.9096, 34.8439

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.1293, 27.4596, 32.1987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2031, 26.9096, 34.8439 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(191, 120, 156)` looks like.

```
.text, #text, p{  
    color:rgb(191, 120, 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(191, 120, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 120, 156) }
```

Border

The CSS property to change the border of an element to XYZ 34.2031, 26.9096, 34.8439 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(191, 120, 156) }
```


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

```
.border{ border-color:rgb(191, 120, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 120, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 120, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 120, 156);  
box-shadow:4px 4px 4px 4px rgb(191, 120,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2031, 26.9096, 34.8439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 120, 156) }
```

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

```
.background{ background-color: rgb(191,  
120, 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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