

Converting Colors

XYZ(34.6771, 26.9542, 35.9928)

Have a look what the booklet for
XYZ(34.6771, 26.9542, 35.9928)
contains.

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Color

**XYZ(34.5931, 26.9033,
36.1705)**

Conversions

Conversions Part 1

Format	Color
Hex	C0779F
RGB	192, 119, 159
RGB Percent	75%, 47%, 62%
CMY	0.2471, 0.5333, 0.3765
CMYK	0.00, 0.38, 0.17, 0.25
HSL	327°, 37%, 61%
HSV	327°, 38%, 75%
XYZ	34.5931, 26.9033, 36.1705
YIQ	145.3870, 30.6680, 27.9160

Conversions

Conversions Part 2

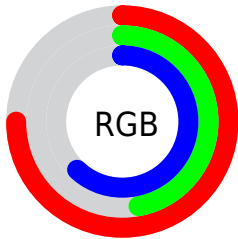
Format	Color
R_{YB}	192, 119, 159
Decimal	12613535
CIE Lab	58.88, 34.21, -9.40
CIE LCh	59, 35.478, 344.631
Yxy	26.9033, 0.3542, 0.2755
Android (android.graphics.Color)	4290803615 (0xFFC0779F)
YUV	145.3870, 6.7112, 40.8796
Hunter-Lab	51.8684, 28.2791, -5.0381

Details

The XYZ color **34.5931, 26.9033, 36.1705** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.1261, 43.8891, 36.4860**, and the grayscale version is **27.0365, 28.4446, 30.9761**.

A 20% lighter version of the original color is **66.3145, 54.6841, 70.6783**, and **15.1514, 10.6573, 15.4459** is the 20% darker color. If you saturate the color by 10%, you get **31.8078, 22.4958, 31.6555**, and if you desaturate by 10%, it is **37.8945, 32.2576, 41.1191**.

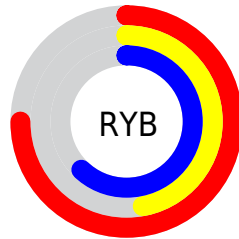
Distribution



Red (75%)

Green (47%)

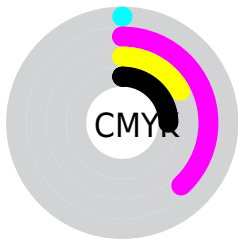
Blue (62%)



Red (75%)

Yellow (47%)

Blue (62%)

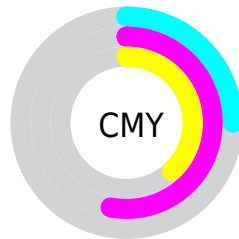


Cyan (0%)

Magenta (38%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (53%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5931, 26.9033, 36.1705 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 34.5931, 26.9033, 36.1705 by changing the saturation by 10% instead.


 34.5931, 26.9033,
36.1705


 34.5931, 26.9033,
36.1705


314.3082,
287.1886, 344.7651


 23.5146, 17.5006,
24.2752


 66.1931, 54.7287,
70.4672

 15.0968, 10.5921,
15.3238


 87.4454, 73.9201,
93.7056

 8.9741, 5.7932,
8.8978

 112.8197, 97.1433,
121.5621

 4.7813, 2.7198,
4.5787

142.6813,
124.7826, 154.4552

 2.1529, 0.9872,
1.9479

177.3956,
157.2223, 192.8035

 0.7177, 0.0000,
0.5229

217.3279,

 0.0000, 0.0000,

194.8470, 237.0256

0.0000

262.8437,
238.0410, 287.5399

■ 34.5931, 26.9033,
36.1705

■ 34.5931, 26.9033,
36.1705

■ 31.8078, 22.4958,
31.6555

■ 37.8945, 32.2576,
41.1191

■ 29.5071, 18.9750,
27.5574

■ 41.7362, 38.6066,
46.5137

■ 27.6598, 16.2798,
23.8606


■ 46.1439, 45.9995,
52.3682


■ 26.2296, 14.3394,
20.5474


■ 51.1406, 54.4810,
58.6951


■ 25.1741, 13.0712,
17.5977


■ 56.7483, 64.0933,
65.5064


 24.4294, 12.3490,
14.9842

 62.9877, 74.8763,
72.8137

 24.2986, 12.2306,
14.4990

 69.8783, 86.8679,
80.6281

 71.5633, 88.3525,
87.0017

 72.8021, 88.8480,
93.5253

Harmonies

Analogous

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



31.9636, 26.9033, 50.0573



34.5931, 26.9033, 36.1705



34.6275, 26.9033, 23.6071

Triad

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



34.5931, 26.9033, 36.1705



23.4996, 26.9033, 11.5899



20.0275, 26.9033, 49.7437

Complementary

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



34.5931, 26.9033, 36.1705



32.1261, 43.8891, 36.4860

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.



18.2493, 26.9033, 35.8259



34.5931, 26.9033, 36.1705



20.0928, 26.9033, 15.2498

Square

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



34.5931, 26.9033, 36.1705



27.8712, 26.9033, 11.6333



18.2718, 26.9033, 23.3479



23.4006, 26.9033, 59.2917

Rectangle

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



34.5931, 26.9033, 36.1705



33.1550, 26.9033, 17.6015



18.2718, 26.9033, 23.3479



19.2415, 26.9033, 45.2706

Sweetspot

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



34.5939, 26.9046, 36.1710



80.9743, 78.9088, 91.4465



29.0333, 23.6618, 52.9066



17.1342, 16.5296, 19.3047



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.



34.5939, 26.9046, 36.1710



58.2301, 41.6925, 58.3632



31.8894, 25.8227, 21.9292



10.2989, 10.1682, 11.6645



16.3899, 8.2457, 9.9654



0.7425, 0.3700, 0.6116

Inverse Universe

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



34.5939, 26.9046, 36.1710



58.2301, 41.6925, 58.3632



35.5732, 45.2679, 54.6383



10.2989, 10.1682, 11.6645



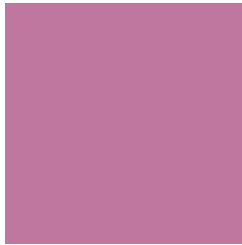
16.3899, 8.2457, 9.9654



0.7425, 0.3700, 0.6116

Previews

White Background



This preview shows how the XYZ color 34.5931, 26.9033, 36.1705 looks on a white background.

Color Contrast Check

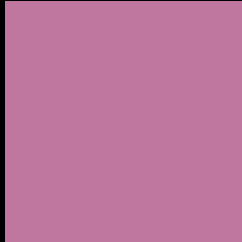
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5931, 26.9033, 36.1705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

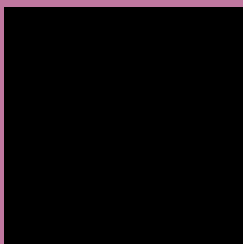
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.5931, 26.9033, 36.1705

Background



This preview shows how black text looks on a background with the XYZ color 34.5931, 26.9033, 36.1705.



This preview shows how white text looks on a background with the XYZ color 34.5931, 26.9033,

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

34.5931, 26.9033, 36.1705

Protanopia

27.0594, 27.2178, 43.3625

Deuteranopia

27.6669, 27.0613, 35.2176



Tritanopia

32.4276, 26.9276, 25.6787

Trichromacy



Original Color

34.5931, 26.9033, 36.1705

Protanomaly

29.1657, 26.6701, 40.6564

Deuteranomaly

29.7192, 26.6663, 35.4790

Tritanomaly

33.0772, 26.8192, 29.0245

Monochromacy



Original Color

34.5931, 26.9033, 36.1705

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.2095, 27.4917, 32.6211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5931, 26.9033, 36.1705 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(192, 119, 159)` looks like.

```
.text, #text, p{  
    color:rgb(192, 119, 159)  
}
```

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(192, 119, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 119, 159) }
```

Border

The CSS property to change the border of an element to XYZ 34.5931, 26.9033, 36.1705 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(192, 119, 159) }
```


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

```
.border{ border-color:rgb(192, 119, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 119, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 119, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 119, 159); box-shadow:4px 4px 4px 4px rgb(192, 119, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5931, 26.9033, 36.1705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 119, 159) }
```

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

```
.background{ background-color: rgb(192,  
119, 159) }
```

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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