

Converting Colors

XYZ(36.7827, 31.1716, 35.7845)

Have a look what the booklet for
XYZ(36.7827, 31.1716, 35.7845)
contains.

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Color

**XYZ(36.7421, 31.0997,
35.9646)**

Conversions

Conversions Part 1

Format	Color
Hex	C1879D
RGB	193, 135, 157
RGB Percent	76%, 53%, 62%
CMY	0.2431, 0.4706, 0.3843
CMYK	0.00, 0.30, 0.19, 0.24
HSL	337°, 32%, 64%
HSV	337°, 30%, 76%
XYZ	36.7421, 31.0997, 35.9646
YIQ	154.8500, 27.5060, 19.1380

Conversions

Conversions Part 2

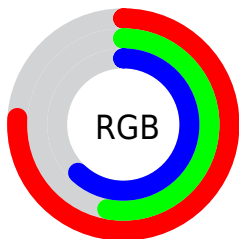
Format	Color
R_{YB}	193, 135, 157
Decimal	12683165
CIE _{Lab}	62.59, 25.47, -2.75
CIE _{LCh}	63, 25.623, 353.843
Yxy	31.0997, 0.3539, 0.2996
Android (android.graphics.Color)	4290873245 (0xFFC1879D)
YUV	154.8500, 1.0600, 33.4576
Hunter-Lab	55.7671, 20.0121, 0.8004

Details

The XYZ color **36.7421, 31.0997, 35.9646** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.4136, 46.2319, 45.5347**, and the grayscale version is **31.0771, 32.6955, 35.6054**.

A 20% lighter version of the original color is **69.5056, 61.4727, 70.4894**, and **16.2531, 12.7845, 15.2467** is the 20% darker color. If you saturate the color by 10%, you get **33.3163, 25.8053, 30.0214**, and if you desaturate by 10%, it is **40.7581, 37.4133, 42.6001**.

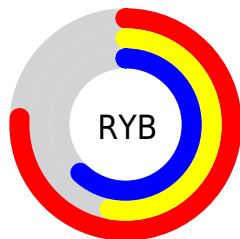
Distribution



Red (76%)

Green (53%)

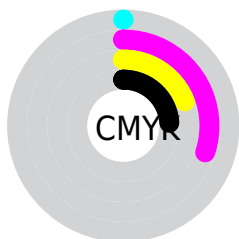
Blue (62%)



Red (76%)

Yellow (53%)

Blue (62%)

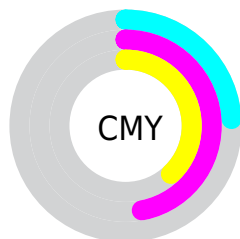


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (47%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7421, 31.0997, 35.9646 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 36.7421, 31.0997, 35.9646 by changing the saturation by 10% instead.


 36.7421, 31.0997,
35.9646


 36.7421, 31.0997,
35.9646


323.5676,
306.9974, 343.8385


 25.1806, 20.6748,
24.1174


 69.4924, 61.3970,
70.1459

 16.3411, 12.8865,
15.2077

 91.4119, 82.0382,
93.3170

 9.8582, 7.3504,
8.8171


 117.5148,
106.8536, 121.0998

 5.3666, 3.6822,
4.5269

148.1664,
136.2275, 153.9129

 2.5009, 1.4974,
1.9186

183.7322,
170.5445, 192.1747

 0.8957, 0.2869,
0.5045

224.5774,

 0.0000, 0.0000,

210.1889, 236.3039

0.0000

271.0674,
255.5450, 286.7190

■ 36.7421, 31.0997,
35.9646

■ 36.7421, 31.0997,
35.9646

■ 33.3163, 25.8053,
30.0214

■ 40.7581, 37.4133,
42.6001

■ 30.4488, 21.4719,
24.7447

■ 45.3888, 44.7918,
49.9486

■ 28.1086, 18.0419,
20.1096


■ 50.6605, 53.2830,
58.0322


■ 26.2603, 15.4498,
16.0888

■ 56.5972, 62.9310,
66.8717


■ 24.8642, 13.6212,
12.6525


■ 63.2215, 73.7771,
76.4867


 23.8733, 12.4680,
9.7677

 70.5551, 85.8607,
86.8961

 23.2017, 11.8212,
7.3970

 73.6090, 89.2001,
96.4485

 75.4569, 89.9393,
106.1793

 75.8025, 90.0775,
107.9992

Harmonies

Analogous

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



35.3124, 31.0997, 46.5073



36.7421, 31.0997, 35.9646



36.1285, 31.0997, 26.6756

Triad

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



36.7421, 31.0997, 35.9646



26.9300, 31.0997, 19.1559



25.7760, 31.0997, 51.8606

Complementary

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



36.7421, 31.0997, 35.9646



36.4136, 46.2319, 45.5347

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.



23.8390, 31.0997, 42.2361



36.7421, 31.0997, 35.9646



24.4678, 31.0997, 23.7461

Square

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



36.7421, 31.0997, 35.9646



30.2846, 31.0997, 18.1292



23.3796, 31.0997, 31.8435



28.8458, 31.0997, 56.7766

Rectangle

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



36.7421, 31.0997, 35.9646



34.6657, 31.0997, 22.2229



23.3796, 31.0997, 31.8435



24.9808, 31.0997, 48.9874

Sweetspot

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



36.7430, 31.1011, 35.9652



82.1011, 81.5203, 90.7184



35.0346, 29.8115, 54.3601



17.3338, 17.0407, 19.0265



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.



36.7430, 31.1011, 35.9652



61.6922, 49.3225, 57.3410



36.0049, 32.3648, 27.2728



10.2277, 10.1397, 11.2897



15.4679, 7.8769, 5.1101



0.7019, 0.3538, 0.3978

Inverse Universe

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



36.7430, 31.1011, 35.9652



61.6922, 49.3225, 57.3410



37.2265, 44.2182, 57.0254



10.2277, 10.1397, 11.2897



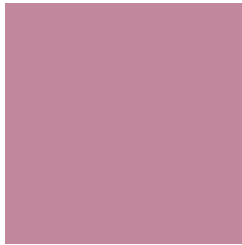
15.4679, 7.8769, 5.1101



0.7019, 0.3538, 0.3978

Previews

White Background



This preview shows how the XYZ color 36.7421, 31.0997, 35.9646 looks on a white background.

Color Contrast Check

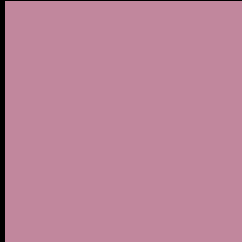
Large Text (above 18pt) WCAG AA × Fail

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 36.7421, 31.0997, 35.9646 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 ✓ Pass

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

XYZ 36.7421, 31.0997, 35.9646

Background



This preview shows how black text looks on a background with the XYZ color 36.7421, 31.0997, 35.9646.



This preview shows how white text looks on a background with the XYZ color 36.7421, 31.0997,

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

36.7421, 31.0997, 35.9646

Protanopia

30.6193, 31.4073, 41.0076

Deuteranopia

31.8672, 31.2333, 35.3594



Tritanopia

35.9503, 31.2044, 31.7320

Trichromacy



Original Color

36.7421, 31.0997, 35.9646

Protanomaly

32.4621, 31.0021, 38.9234

Deuteranomaly

33.5024, 31.1592, 35.7010

Tritanomaly

36.1283, 31.0492, 33.3671

Monochromacy



Original Color

36.7421, 31.0997, 35.9646

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.9528, 32.0151, 35.8952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7421, 31.0997, 35.9646 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(193, 135, 157)` looks like.

```
.text, #text, p{  
    color:rgb(193, 135, 157)  
}
```

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(193, 135, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 135, 157) }
```

Border

The CSS property to change the border of an element to XYZ 36.7421, 31.0997, 35.9646 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(193, 135, 157) }
```


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

```
.border{ border-color:rgb(193, 135, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 135, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 135, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 135, 157);  
box-shadow:4px 4px 4px 4px rgb(193, 135,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7421, 31.0997, 35.9646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 135, 157) }
```

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

```
.background{ background-color: rgb(193,  
135, 157) }
```

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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