

Converting Colors

XYZ(36.5945, 31.1000, 32.5079)

Have a look what the booklet for
XYZ(36.5945, 31.1000, 32.5079)
contains.

XYZ(36.5945, 31.1000, 32.5079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.5945, 31.1000,
32.5079)**

Conversions

Conversions Part 1

Format	Color
Hex	C38795
RGB	195, 135, 149
RGB Percent	76%, 53%, 58%
CMY	0.2353, 0.4706, 0.4157
CMYK	0.00, 0.31, 0.24, 0.24
HSL	346°, 33%, 65%
HSV	346°, 31%, 76%
XYZ	36.5945, 31.1000, 32.5079
YIQ	154.5360, 31.2660, 17.0740

Conversions

Conversions Part 2

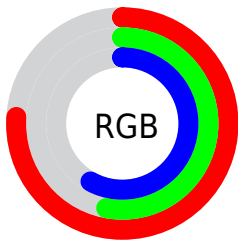
Format	Color
RYB	195, 135, 149
Decimal	12814229
CIELab	62.59, 24.99, 1.83
CIElCh	63, 25.053, 4.193
Yxy	31.1000, 0.3652, 0.3104
Android (android.graphics.Color)	4291004309 (0xFFC38795)
YUV	154.5360, -2.7292, 35.4869
Hunter-Lab	55.7674, 19.5386, 4.4759

Details

The XYZ color **36.5945, 31.1000, 32.5079** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8487, 47.5181, 50.8956**, and the grayscale version is **30.9536, 32.5656, 35.4639**.

A 20% lighter version of the original color is **69.4851, 61.5896, 64.7256**, and **16.1901, 12.7979, 13.1722** is the 20% darker color. If you saturate the color by 10%, you get **33.0008, 25.7017, 25.7941**, and if you desaturate by 10%, it is **40.8414, 37.5590, 40.1962**.

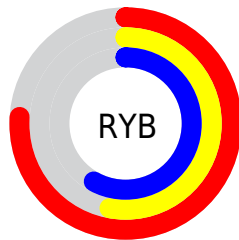
Distribution



Red (76%)

Green (53%)

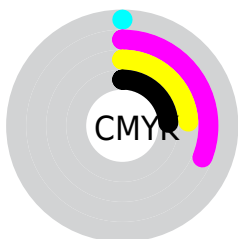
Blue (58%)



Red (76%)

Yellow (53%)

Blue (58%)

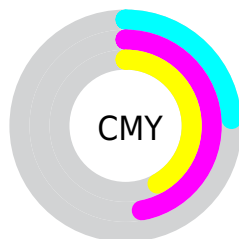


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (47%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5945, 31.1000, 32.5079 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 36.5945, 31.1000, 32.5079 by changing the saturation by 10% instead.


 36.5945, 31.1000,
32.5079


 36.5945, 31.1000,
32.5079


322.9377,
306.9988, 327.9902


 25.0659, 20.6750,
21.4817


 69.2666, 61.3975,
64.7136

 16.2552, 12.8867,
13.2819

 91.1408, 82.0388,
86.7302

 9.7969, 7.3505,
7.4899


 117.1942,
106.8542, 113.2473

 5.3257, 3.6823,
3.6873

147.7923,
136.2283, 144.6836

 2.4763, 1.4975,
1.4554

183.3003,
170.5455, 181.4574

 0.8833, 0.2869,
0.1844

224.0836,

 0.0000, 0.0000,

210.1900, 223.9875

0.0000

270.5076,
255.5463, 272.6922

■ 36.5945, 31.1000,
32.5079

■ 36.5945, 31.1000,
32.5079

■ 33.0008, 25.7017,
25.7941

■ 40.8414, 37.5590,
40.1962

■ 30.0248, 21.3031,
20.0133

■ 45.7697, 45.1270,
48.8944

■ 27.6314, 17.8434,
15.1239


■ 51.4088, 53.8543,
58.6384


■ 25.7806, 15.2535,
11.0800


■ 57.7859, 63.7871,
69.4616


■ 24.4275, 13.4547,
7.8316


■ 64.9263, 74.9688,
81.3961

 23.5193, 12.3538,
5.3228

 72.8546, 87.4410,
94.4726

 22.9890, 11.7954,
3.5975

 76.1005, 90.2560,
106.8894

 76.3158, 90.3422,
108.0233

Harmonies

Analogous

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



35.8655, 31.1000, 42.7151



36.5945, 31.1000, 32.5079



35.3228, 31.1000, 24.3662

Triad

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



36.5945, 31.1000, 32.5079



26.0251, 31.1000, 20.5817



26.7955, 31.1000, 53.7420

Complementary

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



36.5945, 31.1000, 32.5079



37.8487, 47.5181, 50.8956

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.



24.4601, 31.1000, 45.5524



36.5945, 31.1000, 32.5079



24.0399, 31.1000, 26.3264

Square

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



36.5945, 31.1000, 32.5079



29.0827, 31.1000, 18.3725



23.4896, 31.1000, 35.2544



30.0417, 31.1000, 56.2607

Rectangle

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



36.5945, 31.1000, 32.5079



33.5649, 31.1000, 20.8003



23.4896, 31.1000, 35.2544



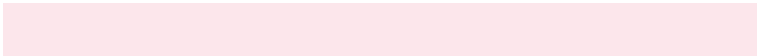
25.8863, 31.1000, 51.4927

Sweetspot

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



36.5954, 31.1015, 32.5085



83.5294, 83.2226, 90.2809



37.5715, 31.0934, 55.6515



17.9813, 17.7454, 19.2292



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.



36.5954, 31.1015, 32.5085



61.0371, 48.9202, 49.8521



37.9466, 35.4860, 27.7730



10.1673, 10.1155, 10.9717



14.9690, 7.6773, 2.4827



0.6744, 0.3428, 0.2527

Inverse Universe

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



36.5954, 31.1015, 32.5085



61.0371, 48.9202, 49.8521



35.9633, 41.3323, 57.7125



10.1673, 10.1155, 10.9717



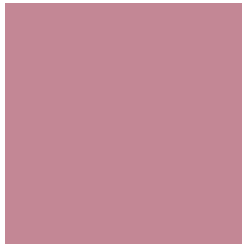
14.9690, 7.6773, 2.4827



0.6744, 0.3428, 0.2527

Previews

White Background



This preview shows how the XYZ color 36.5945, 31.1000, 32.5079 looks on a white background.

Color Contrast Check

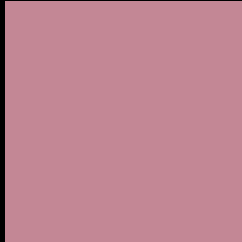
Large Text (above 18pt) WCAG AA × Fail

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 36.5945, 31.1000, 32.5079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

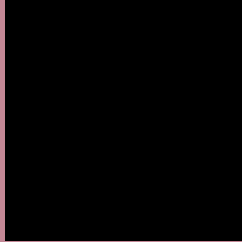
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5945, 31.1000, 32.5079

Background



This preview shows how black text looks on a background with the XYZ color 36.5945, 31.1000, 32.5079.



This preview shows how white text looks on a background with the XYZ color 36.5945, 31.1000,

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

36.5945, 31.1000, 32.5079

Protanopia

30.3750, 31.3741, 36.8026

Deuteranopia

31.8486, 31.2989, 31.9664



Tritanopia

36.4981, 31.2857, 31.3092

Trichromacy



Original Color

36.5945, 31.1000, 32.5079

Protanomaly

32.1902, 30.9422, 35.2862

Deuteranomaly

33.5279, 31.2480, 32.2813

Tritanomaly

36.5763, 31.3170, 31.7208

Monochromacy



Original Color

36.5945, 31.1000, 32.5079

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.9172, 32.0258, 34.5837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5945, 31.1000, 32.5079 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(195, 135, 149)` looks like.

```
.text, #text, p{  
    color:rgb(195, 135, 149)  
}
```

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(195, 135, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 135, 149) }
```

Border

The CSS property to change the border of an element to XYZ 36.5945, 31.1000, 32.5079 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(195, 135, 149) }
```


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

```
.border{ border-color:rgb(195, 135, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 135, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 135, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 135, 149);  
box-shadow:4px 4px 4px 4px rgb(195, 135,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5945, 31.1000, 32.5079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 135, 149) }
```

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

```
.background{ background-color: rgb(195,  
135, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor