

Converting Colors

XYZ(36.4651, 31.1603, 32.9828)

Have a look what the booklet for
XYZ(36.4651, 31.1603, 32.9828)
contains.

XYZ(36.5573, 31.2797, 32.9650)	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(36.5573, 31.2797,
32.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	C28896
RGB	194, 136, 150
RGB Percent	76%, 53%, 59%
CMY	0.2392, 0.4666, 0.4118
CMYK	0.00, 0.30, 0.23, 0.24
HSL	346°, 32%, 65%
HSV	346°, 30%, 76%
XYZ	36.5573, 31.2797, 32.9650
YIQ	154.9380, 30.0740, 16.6500

Conversions

Conversions Part 2

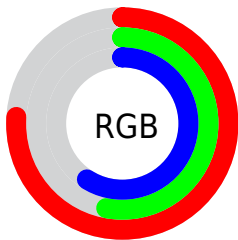
Format	Color
RYB	194, 136, 150
Decimal	12748950
CIELab	62.74, 24.21, 1.47
CIELCh	63, 24.256, 3.471
Yxy	31.2797, 0.3627, 0.3103
Android (android.graphics.Color)	4290939030 (0xFFC28896)
YUV	154.9380, -2.4344, 34.2574
Hunter-Lab	55.9283, 18.8014, 4.2033

Details

The XYZ color **36.5573, 31.2797, 32.9650** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.6847, 47.1138, 50.2900**, and the grayscale version is **31.1302, 32.7514, 35.6662**.

A 20% lighter version of the original color is **69.0962, 61.6958, 65.3935**, and **16.1481, 12.8868, 13.4407** is the 20% darker color. If you saturate the color by 10%, you get **32.9567, 25.8573, 26.2802**, and if you desaturate by 10%, it is **40.8031, 37.7535, 40.6001**.

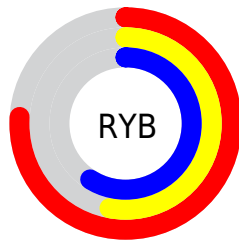
Distribution



Red (76%)

Green (53%)

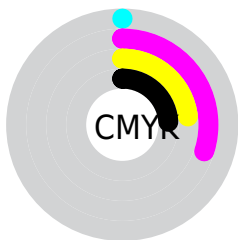
Blue (59%)



Red (76%)

Yellow (53%)

Blue (59%)

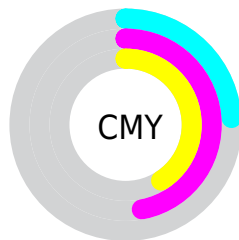


Cyan (0%)

Magenta (30%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (47%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5573, 31.2797, 32.9650 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 36.5573, 31.2797, 32.9650 by changing the saturation by 10% instead.


 36.5573, 31.2797,
32.9650


 36.5573, 31.2797,
32.9650


322.7788,
307.8248, 330.1192


 25.0370, 20.8119,
21.8287


 69.2096, 61.6802,
65.4363

 16.2335, 12.9866,
13.5340


 91.0724, 82.3816,
87.6083

 9.7814, 7.4193,
7.6622


 117.1134,
107.2631, 114.2961

 5.3154, 3.7257,
3.7949

147.6979,
136.7091, 145.9181

 2.4702, 1.5213,
1.5135

183.1914,
171.1038, 182.8929

 0.8802, 0.3037,
0.2280

223.9591,

 0.0000, 0.0000,

210.8317, 225.6389

0.0000

270.3665,
256.2773, 274.5749

■ 36.5573, 31.2797,
32.9650

■ 36.5573, 31.2797,
32.9650

■ 32.9567, 25.8573,
26.2802

■ 40.8031, 37.7535,
40.6001

■ 29.9664, 21.4265,
20.5058

■ 45.7213, 45.3259,
49.2192

■ 27.5523, 17.9279,
15.6021

■ 51.3408, 54.0464,
58.8567

■ 25.6756, 15.2940,
11.5253

■ 57.6880, 63.9601,
69.5448

■ 24.2927, 13.4483,
8.2278

■ 64.7879, 75.1099,
81.3143

■ 23.3525, 12.3003,
5.6566

■ 72.6643, 87.5363,
94.1946

■ 22.7630, 11.6788,
3.7410

■ 75.7424, 90.0830,
106.3481

■ 22.7576, 11.6731,
3.7238

■ 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



35.8056, 31.2797, 42.8796



36.5573, 31.2797, 32.9650



35.3706, 31.2797, 24.9501

Triad

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



36.5573, 31.2797, 32.9650



26.3518, 31.2797, 20.9876



26.9734, 31.2797, 53.1406

Complementary

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



36.5573, 31.2797, 32.9650



37.6847, 47.1138, 50.2900

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.



24.7241, 31.2797, 45.1505



36.5573, 31.2797, 32.9650



24.3845, 31.2797, 26.5382

Square

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



36.5573, 31.2797, 32.9650



29.3462, 31.2797, 18.8935



23.8112, 31.2797, 35.1755



30.1180, 31.2797, 55.7218

Rectangle

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



36.5573, 31.2797, 32.9650



33.6881, 31.2797, 21.3948



23.8112, 31.2797, 35.1755



26.0956, 31.2797, 50.9334

Sweetspot

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



36.5582, 31.2812, 32.9656



83.5558, 83.2332, 90.4202



37.2490, 31.1484, 55.0881



17.9880, 17.7481, 19.2640



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.



36.5582, 31.2812, 32.9656



61.7519, 49.9081, 51.4519



37.6794, 35.2209, 28.1069



10.1706, 10.1169, 10.9891



14.9899, 7.6857, 2.5929



0.6758, 0.3433, 0.2604

Inverse Universe

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



36.5582, 31.2812, 32.9656



61.7519, 49.9081, 51.4519



36.1126, 41.5713, 57.1598



10.1706, 10.1169, 10.9891



14.9899, 7.6857, 2.5929



0.6758, 0.3433, 0.2604

Previews

White Background



This preview shows how the XYZ color 36.5573, 31.2797, 32.9650 looks on a white background.

Color Contrast Check

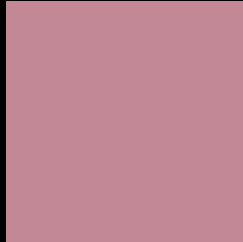
Large Text (above 18pt) WCAG AA × Fail

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 36.5573, 31.2797, 32.9650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

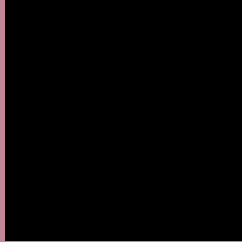
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5573, 31.2797, 32.9650

Background



This preview shows how black text looks on a background with the XYZ color 36.5573, 31.2797, 32.9650.



This preview shows how white text looks on a background with the XYZ color 36.5573, 31.2797,

32.9650.

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

36.5573, 31.2797, 32.9650

Protanopia

30.4615, 31.4087, 37.2579

Deuteranopia

31.9275, 31.3304, 32.3816



Tritanopia

36.4603, 31.4672, 31.7559

Trichromacy



Original Color

36.5573, 31.2797, 32.9650

Protanomaly

32.4281, 31.2829, 35.7815

Deuteranomaly

33.3787, 31.1620, 32.6894

Tritanomaly

36.5391, 31.4988, 32.1710

Monochromacy



Original Color

36.5573, 31.2797, 32.9650

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.7019, 31.9147, 34.5736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5573, 31.2797, 32.9650 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(194, 136, 150)` looks like.

```
.text, #text, p{  
    color:rgb(194, 136, 150)  
}
```

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(194, 136, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 136, 150) }
```

Border

The CSS property to change the border of an element to XYZ 36.5573, 31.2797, 32.9650 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(194, 136, 150) }
```


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

```
.border{ border-color:rgb(194, 136, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 136, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 136, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 136, 150);  
box-shadow:4px 4px 4px 4px rgb(194, 136,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5573, 31.2797, 32.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 136, 150) }
```

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

```
.background{ background-color: rgb(194,  
136, 150) }
```

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