

Converting Colors

XYZ(36.9276, 31.5604, 29.0187)

Have a look what the booklet for
XYZ(36.9276, 31.5604, 29.0187)
contains.

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Color

**XYZ(36.8265, 31.5075,
28.9515)**

Conversions

Conversions Part 1

Format	Color
Hex	C6888C
RGB	198, 136, 140
RGB Percent	78%, 53%, 55%
CMY	0.2235, 0.4666, 0.4510
CMYK	0.00, 0.31, 0.29, 0.22
HSL	356°, 35%, 65%
HSV	356°, 31%, 78%
XYZ	36.8265, 31.5075, 28.9515
YIQ	154.9940, 35.6680, 14.3880

Conversions

Conversions Part 2

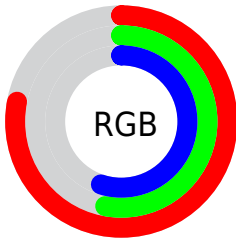
Format	Color
RYB	198, 136, 140
Decimal	13011084
CIELab	62.93, 24.28, 7.48
CIElCh	63, 25.407, 17.134
Yxy	31.5075, 0.3785, 0.3239
Android (android.graphics.Color)	4291201164 (0xFFC6888C)
YUV	154.9940, -7.3920, 37.7163
Hunter-Lab	56.1315, 18.8792, 8.7115

Details

The XYZ color **36.8265, 31.5075, 28.9515** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.0864, 49.5182, 58.4867**, and the grayscale version is **31.1744, 32.7979, 35.7169**.

A 20% lighter version of the original color is **69.2791, 61.9372, 58.7557**, and **16.4217, 13.0748, 11.3310** is the 20% darker color. If you saturate the color by 10%, you get **33.0384, 25.9361, 21.5078**, and if you desaturate by 10%, it is **41.3614, 38.2041, 37.7792**.

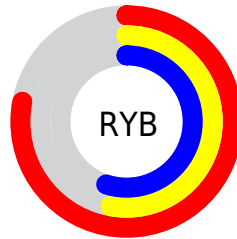
Distribution



Red (78%)

Green (53%)

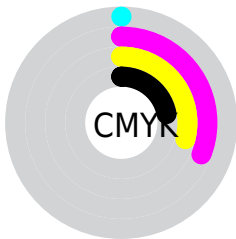
Blue (55%)



Red (78%)

Yellow (53%)

Blue (55%)

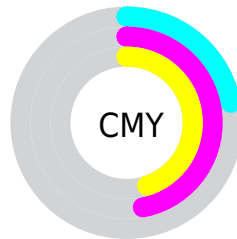


Cyan (0%)

Magenta (31%)

Yellow (29%)

Black (22%)



Cyan (22%)


Magenta (47%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8265, 31.5075, 28.9515 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 36.8265, 31.5075, 28.9515 by changing the saturation by 10% instead.


 36.8265, 31.5075,
28.9515


 36.8265, 31.5075,
28.9515


323.9273,
308.8696, 311.0398


 25.2462, 20.9856,
18.7989


 69.6214, 62.0382,
59.0413

 16.3903, 13.1135,
11.3497


 91.5668, 82.8158,
79.8155

 9.8934, 7.5067,
6.1854


 117.6979,
107.7807, 104.9674

 5.3900, 3.7810,
2.8876

148.3802,
137.3174, 134.9154

 2.5150, 1.5518,
1.0375

183.9789,
171.8103, 170.0781

 0.9028, 0.3248,
0.0000

224.8594,

 0.0000, 0.0000,

211.6437, 210.8740

0.0000

271.3871,
257.2020, 257.7218

■ 36.8265, 31.5075,
28.9515

■ 36.8265, 31.5075,
28.9515

■ 33.0384, 25.9361,
21.5078

■ 41.3614, 38.2041,
37.7792

■ 29.9546, 21.4240,
15.3761

■ 46.6774, 46.0781,
48.0541

■ 27.5322, 17.9053,
10.4809

■ 52.8100, 55.1839,
59.8378

■ 25.7229, 15.3050,
6.7381

■ 59.7914, 65.5712,
73.1879

■ 24.4714, 13.5376,
4.0531

■ 67.6523, 77.2869,
88.1586

■ 23.7125, 12.5011,
2.3164

■ 76.4219, 90.3757,
104.8020

■ 23.3599, 12.0343,
1.4644

■ 77.0988, 90.7458,
108.0599

Harmonies

Analogous

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



36.9751, 31.5075, 38.7651



36.8265, 31.5075, 28.9515



34.7467, 31.5075, 22.0628

Triad

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



36.8265, 31.5075, 28.9515



25.2939, 31.5075, 22.8251



28.4777, 31.5075, 56.6537

Complementary

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



36.8265, 31.5075, 28.9515



40.0864, 49.5182, 58.4867

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.



25.6109, 31.5075, 50.4038



36.8265, 31.5075, 28.9515



23.8711, 31.5075, 30.2032

Square

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



36.8265, 31.5075, 28.9515



28.0136, 31.5075, 19.0261



23.9824, 31.5075, 40.2838



31.9672, 31.5075, 56.1379

Rectangle

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



36.8265, 31.5075, 28.9515



32.6303, 31.5075, 19.4732



23.9824, 31.5075, 40.2838



27.4149, 31.5075, 55.2302

Sweetspot

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



36.8273, 31.5090, 28.9521



84.8944, 84.9149, 89.4036



41.2120, 33.1387, 57.6506



17.8442, 17.6906, 18.5071



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.



36.8273, 31.5090, 28.9521



60.2161, 48.4407, 41.4622



40.8071, 39.9316, 28.8512



10.6611, 10.6478, 11.1988



15.2029, 7.8307, 1.0124



0.7297, 0.3747, 0.0999

Inverse Universe

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



36.8273, 31.5090, 28.9521



60.2161, 48.4407, 41.4622



34.9358, 38.4890, 59.0141



10.6611, 10.6478, 11.1988



15.2029, 7.8307, 1.0124



0.7297, 0.3747, 0.0999

Previews

White Background



This preview shows how the XYZ color 36.8265, 31.5075, 28.9515 looks on a white background.

Color Contrast Check

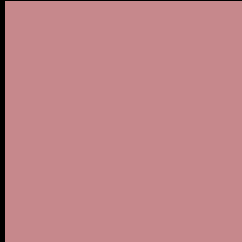
Large Text (above 18pt) WCAG AA × Fail

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 36.8265, 31.5075, 28.9515 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 36.8265, 31.5075, 28.9515

Background



This preview shows how black text looks on a background with the XYZ color 36.8265, 31.5075, 28.9515.



This preview shows how white text looks on a background with the XYZ color 36.8265, 31.5075,

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

36.8265, 31.5075, 28.9515

Protanopia

30.3634, 31.6943, 32.9511

Deuteranopia

32.2547, 31.5867, 28.4416



Tritanopia

37.3280, 31.5144, 30.9035

Trichromacy



Original Color

36.8265, 31.5075, 28.9515

Protanomaly

32.2618, 31.2910, 31.5335

Deuteranomaly

33.7741, 31.4541, 28.7173

Tritanomaly

37.1751, 31.4532, 30.0983

Monochromacy



Original Color

36.8265, 31.5075, 28.9515

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.8895, 32.0397, 33.3050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8265, 31.5075, 28.9515 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(198, 136, 140)` looks like.

```
.text, #text, p{  
    color:rgb(198, 136, 140)  
}
```

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(198, 136, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 136, 140) }
```

Border

The CSS property to change the border of an element to XYZ 36.8265, 31.5075, 28.9515 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(198, 136, 140) }
```


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

```
.border{ border-color:rgb(198, 136, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 136, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 136, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 136, 140);  
box-shadow:4px 4px 4px 4px rgb(198, 136,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8265, 31.5075, 28.9515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 136, 140) }
```

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

```
.background{ background-color: rgb(198,  
136, 140) }
```

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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