

Converting Colors

XYZ(36.0118, 31.2189, 27.3787)

Have a look what the booklet for
XYZ(36.0118, 31.2189, 27.3787)
contains.

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Color

**XYZ(36.0130, 31.1217,
27.4015)**

Conversions

Conversions Part 1

Format	Color
Hex	C48888
RGB	196, 136, 136
RGB Percent	77%, 53%, 53%
CMY	0.2314, 0.4666, 0.4667
CMYK	0.00, 0.31, 0.31, 0.23
HSL	0°, 34%, 65%
HSV	0°, 31%, 77%
XYZ	36.0130, 31.1217, 27.4015
YIQ	153.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

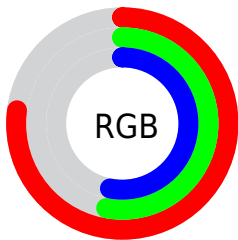
Format	Color
RYB	196, 136, 136
Decimal	12880008
CIELab	62.61, 22.97, 9.26
CIELCh	63, 24.768, 21.966
Yxy	31.1217, 0.3809, 0.3292
Android (android.graphics.Color)	4291070088 (0xFFC48888)
YUV	153.9400, -8.8444, 36.8866
Hunter-Lab	55.7868, 17.6031, 9.9286

Details

The XYZ color **36.0130, 31.1217, 27.4015** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.8562, 48.6976, 59.5234**, and the grayscale version is **30.7162, 32.3158, 35.1919**.

A 20% lighter version of the original color is **68.4718, 61.5719, 56.4198**, and **15.9920, 12.9902, 10.4686** is the 20% darker color. If you saturate the color by 10%, you get **32.2331, 25.5908, 19.8862**, and if you desaturate by 10%, it is **40.5540, 37.7668, 36.4279**.

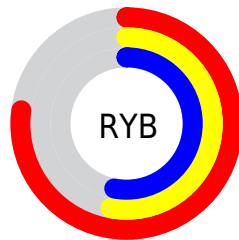
Distribution



Red (77%)

Green (53%)

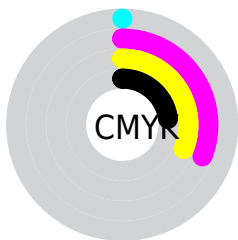
Blue (53%)



Red (77%)

Yellow (53%)

Blue (53%)

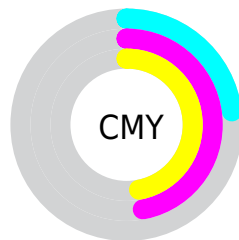


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (23%)



Cyan (23%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0130, 31.1217, 27.4015 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 36.0130, 31.1217, 27.4015 by changing the saturation by 10% instead.


 36.0130, 31.1217,
27.4015


 36.0130, 31.1217,
27.4015


320.4476,
307.0986, 303.4173


 24.6144, 20.6915,
17.6399


 68.3759, 61.4316,
56.5390

 15.9172, 12.8987,
10.5250


 90.0708, 82.0802,
76.7520

 9.5561, 7.3588,
5.6383


 115.9286,
106.9036, 101.2859

 5.1656, 3.6875,
2.5612

146.3146,
136.2864, 130.5592

 2.3805, 1.5003,
0.8723

181.5942,
170.6129, 164.9904

 0.8354, 0.2890,
0.0000

222.1326,

 0.0000, 0.0000,

210.2675, 204.9982

0.0000

268.2953,
255.6346, 251.0010

■ 36.0130, 31.1217,
27.4015

■ 36.0130, 31.1217,
27.4015

■ 32.2331, 25.5908,
19.8862

■ 40.5540, 37.7668,
36.4279

■ 29.1703, 21.1091,
13.7977

■ 45.8919, 45.5776,
47.0395

■ 26.7802, 17.6116,
9.0463

■ 52.0633, 54.6079,
59.3081

■ 25.0121, 15.0243,
5.5317

■ 59.1016, 64.9069,
73.3004

■ 23.8083, 13.2627,
3.1389

■ 67.0386, 76.5208,
89.0792

■ 23.1005, 12.2269,
1.7321

■ 75.9043, 89.4937,
106.7046

■ 22.7651, 11.7361,
1.0654

■ 76.5749, 90.4757,
108.0354

Harmonies

Analogous

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



36.4793, 31.1217, 36.5495



36.0130, 31.1217, 27.4015



33.7595, 31.1217, 21.2590

Triad

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



36.0130, 31.1217, 27.4015



24.7596, 31.1217, 23.6806



28.6829, 31.1217, 55.8104

Complementary

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



36.0130, 31.1217, 27.4015



39.8562, 48.6976, 59.5234

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.



25.7609, 31.1217, 50.7256



36.0130, 31.1217, 27.4015



23.6110, 31.1217, 31.3556

Square

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



36.0130, 31.1217, 27.4015



27.2196, 31.1217, 19.4125



23.9631, 31.1217, 41.3210



32.0735, 31.1217, 54.1996

Rectangle

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



36.0130, 31.1217, 27.4015



31.6342, 31.1217, 19.1133



23.9631, 31.1217, 41.3210



27.6172, 31.1217, 54.7980

Sweetspot

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



36.0138, 31.1232, 27.4021



84.6838, 84.8314, 88.2920



41.5330, 33.3298, 56.4688



17.7929, 17.6703, 18.2363



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.



36.0138, 31.1232, 27.4021



60.3272, 49.1909, 39.8718



40.8452, 40.7859, 29.0126



10.0733, 10.0780, 10.4762



14.6276, 7.5410, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



39.8562, 48.6976, 59.5234



68.4352, 86.2762, 107.6538



33.7536, 36.4924, 57.4892



10.3685, 11.4283, 12.9442



19.0839, 27.9243, 37.9407



0.8246, 1.2066, 1.6393

Previews

White Background



This preview shows how the XYZ color 36.0130, 31.1217, 27.4015 looks on a white background.

Color Contrast Check

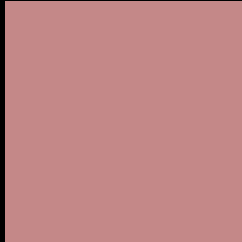
Large Text (above 18pt) WCAG AA × Fail

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 36.0130, 31.1217, 27.4015 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 36.0130, 31.1217, 27.4015

Background



This preview shows how black text looks on a background with the XYZ color 36.0130, 31.1217, 27.4015.



This preview shows how white text looks on a background with the XYZ color 36.0130, 31.1217,

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

36.0130, 31.1217, 27.4015

Protanopia

29.8110, 31.2148, 30.8394

Deuteranopia

31.8155, 31.1632, 26.8925



Tritanopia

36.8008, 31.2426, 30.8789

Trichromacy



Original Color

36.0130, 31.1217, 27.4015

Protanomaly

31.8812, 31.1388, 29.5294

Deuteranomaly

33.1022, 30.9190, 27.1450

Tritanomaly

36.5724, 31.1513, 29.6764

Monochromacy



Original Color

36.0130, 31.1217, 27.4015

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.0624, 31.4090, 31.9764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0130, 31.1217, 27.4015 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(196, 136, 136)` looks like.

```
.text, #text, p{  
    color:rgb(196, 136, 136)  
}
```

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(196, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 136, 136) }
```

Border

The CSS property to change the border of an element to XYZ 36.0130, 31.1217, 27.4015 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(196, 136, 136) }
```


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

```
.border{ border-color:rgb(196, 136, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 136, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 136, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 136, 136);  
box-shadow:4px 4px 4px 4px rgb(196, 136,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0130, 31.1217, 27.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 136, 136) }
```

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

```
.background{ background-color: rgb(196,  
136, 136) }
```

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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