

Converting Colors

XYZ(36.9632, 31.0593, 33.7581)

Have a look what the booklet for
XYZ(36.9632, 31.0593, 33.7581)
contains.

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Color

**XYZ(36.9575, 31.0530,
33.7517)**

Conversions

Conversions Part 1

Format	Color
Hex	C48698
RGB	196, 134, 152
RGB Percent	77%, 53%, 60%
CMY	0.2314, 0.4745, 0.4039
CMYK	0.00, 0.32, 0.22, 0.23
HSL	343°, 34%, 65%
HSV	343°, 32%, 77%
XYZ	36.9575, 31.0530, 33.7517
YIQ	154.5900, 31.1740, 18.7420

Conversions

Conversions Part 2

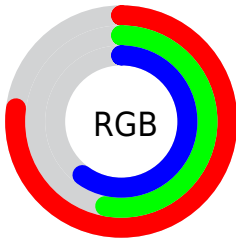
Format	Color
RYB	196, 134, 152
Decimal	12879512
CIELab	62.55, 26.36, 0.08
CIELCh	63, 26.355, 0.174
Yxy	31.0530, 0.3632, 0.3052
Android (android.graphics.Color)	4291069592 (0xFFC48698)
YUV	154.5900, -1.2769, 36.3166
Hunter-Lab	55.7252, 20.8638, 3.0968

Details

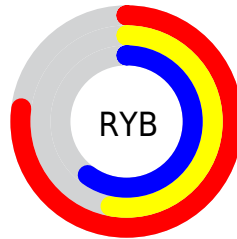
The XYZ color **36.9575, 31.0530, 33.7517** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.6086, 47.7632, 49.3589**, and the grayscale version is **30.9713, 32.5842, 35.4842**.

A 20% lighter version of the original color is **69.9968, 61.4935, 66.5727**, and **16.4267, 12.7888, 13.9146** is the 20% darker color. If you saturate the color by 10%, you get **33.4221, 25.6996, 27.2780**, and if you desaturate by 10%, it is **41.1303, 37.4668, 41.0978**.

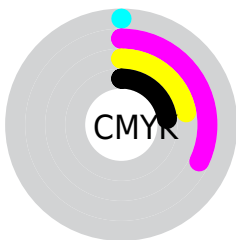
Distribution



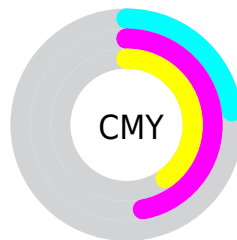
- Red (77%)
- Green (53%)
- Blue (60%)



- Red (77%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (32%)
- Yellow (22%)
- Black (23%)





- Cyan (23%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9575, 31.0530, 33.7517 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 36.9575, 31.0530, 33.7517 by changing the saturation by 10% instead.


 36.9575, 31.0530,
33.7517


 36.9575, 31.0530,
33.7517


324.4852,
306.7824, 333.7588


 25.3481, 20.6392,
22.4271


 69.8217, 61.3235,
66.6768

 16.4667, 12.8605,
13.9698


 91.8072, 81.9490,
89.1144

 9.9479, 7.3326,
7.9611


 117.9821,
106.7472, 116.0935

 5.4265, 3.6710,
3.9827

148.7117,
136.1025, 148.0325

 2.5369, 1.4913,
1.6158

184.3615,
170.3993, 185.3499

 0.9139, 0.2826,
0.3021

225.2968,

 0.0000, 0.0000,

210.0219, 228.4645

0.0000

271.8829,
255.3548, 277.7945

■ 36.9575, 31.0530,
33.7517

■ 36.9575, 31.0530,
33.7517

■ 33.4221, 25.6996,
27.2780

■ 41.1303, 37.4668,
41.0978

■ 30.4891, 21.3449,
21.6414

■ 45.9680, 44.9897,
49.3462

■ 28.1241, 17.9275,
16.8068


■ 51.4995, 53.6727,
58.5272

■ 26.2880, 15.3772,
12.7356


■ 57.7512, 63.5622,
68.6696


■ 24.9361, 13.6139,
9.3858

■ 64.7482, 74.7020,
79.8005

 24.0162, 12.5424,
6.7103

 72.5142, 87.1340,
91.9462

 23.5009, 12.0301,
4.9405

 75.6824, 90.1188,
103.3353

 76.5750, 90.4758,
108.0354

Harmonies

Analogous

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



35.9070, 31.0530, 44.6099



36.9575, 31.0530, 33.7517



35.8832, 31.0530, 24.8291

Triad

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



36.9575, 31.0530, 33.7517



26.1846, 31.0530, 19.4569



26.2179, 31.0530, 53.9890

Complementary

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



36.9575, 31.0530, 33.7517



37.6086, 47.7632, 49.3589

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.



23.9485, 31.0530, 44.7345



36.9575, 31.0530, 33.7517



23.9304, 31.0530, 24.9134

Square

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



36.9575, 31.0530, 33.7517



29.4941, 31.0530, 17.6647



23.1453, 31.0530, 33.8712



29.5358, 31.0530, 57.6403

Rectangle

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



36.9575, 31.0530, 33.7517



34.1529, 31.0530, 20.8050



23.1453, 31.0530, 33.8712



25.3171, 31.0530, 51.3489

Sweetspot

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



36.9584, 31.0545, 33.7523



85.6481, 85.2164, 93.3726



36.7127, 30.4315, 56.1635



18.0284, 17.7643, 19.4771



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.



36.9584, 31.0545, 33.7523



62.3711, 49.3027, 52.8105



37.4097, 34.1398, 27.1741



10.1908, 10.1249, 11.0951



15.1332, 7.7430, 3.3476



0.6847, 0.3469, 0.3072

Inverse Universe

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



36.9584, 31.0545, 33.7523



62.3711, 49.3027, 52.8105



36.8539, 43.1698, 58.6148



10.1908, 10.1249, 11.0951



15.1332, 7.7430, 3.3476



0.6847, 0.3469, 0.3072

Previews

White Background



This preview shows how the XYZ color 36.9575, 31.0530, 33.7517 looks on a white background.

Color Contrast Check

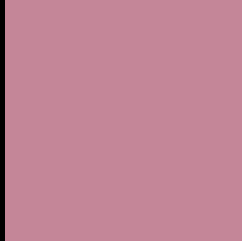
Large Text (above 18pt) WCAG AA × Fail

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 36.9575, 31.0530, 33.7517 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 36.9575, 31.0530, 33.7517

Background



This preview shows how black text looks on a background with the XYZ color 36.9575, 31.0530, 33.7517.



This preview shows how white text looks on a background with the XYZ color 36.9575, 31.0530,

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

36.9575, 31.0530, 33.7517

Protanopia

30.3507, 31.3212, 38.6284

Deuteranopia

31.8751, 31.2849, 33.2128



Tritanopia

36.2805, 30.9744, 30.8545

Trichromacy



Original Color

36.9575, 31.0530, 33.7517

Protanomaly

32.2333, 30.9349, 36.6199

Deuteranomaly

33.6190, 31.0453, 33.4986

Tritanomaly

36.5149, 31.0682, 32.0892

Monochromacy



Original Color

36.9575, 31.0530, 33.7517

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.8440, 31.7466, 34.9685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9575, 31.0530, 33.7517 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, 134, 152)` looks like.

```
.text, #text, p{  
    color:rgb(196, 134, 152)  
}
```

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, 134, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 134, 152) }
```

Border

The CSS property to change the border of an element to XYZ 36.9575, 31.0530, 33.7517 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, 134, 152) }
```


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

```
.border{ border-color:rgb(196, 134, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 134, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 134, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 134, 152);  
box-shadow:4px 4px 4px 4px rgb(196, 134,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9575, 31.0530, 33.7517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 134, 152) }
```

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

```
.background{ background-color: rgb(196,  
134, 152) }
```

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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