

Converting Colors

XYZ(35.2346, 31.4972, 37.1434)

Have a look what the booklet for
XYZ(35.2346, 31.4972, 37.1434)
contains.

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Color

**XYZ(35.3113, 31.6202,
37.0431)**

Conversions

Conversions Part 1

Format	Color
Hex	B78D9F
RGB	183, 141, 159
RGB Percent	72%, 55%, 62%
CMY	0.2824, 0.4470, 0.3765
CMYK	0.00, 0.23, 0.13, 0.28
HSL	334°, 23%, 64%
HSV	334°, 23%, 72%
XYZ	35.3113, 31.6202, 37.0431
YIQ	155.6100, 19.2540, 14.5020

Conversions

Conversions Part 2

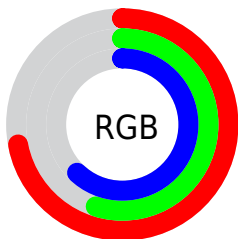
Format	Color
R_{YB}	183, 141, 159
Decimal	12029343
CIE Lab	63.03, 18.80, -3.36
CIE LCh	63, 19.104, 349.856
Yxy	31.6202, 0.3396, 0.3041
Android (android.graphics.Color)	4290219423 (0xFFB78D9F)
YUV	155.6100, 1.6713, 24.0210
Hunter-Lab	56.2318, 13.6850, 0.3046

Details

The XYZ color **35.3113, 31.6202, 37.0431** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.7108, 42.2471, 41.9243**, and the grayscale version is **31.4138, 33.0497, 35.9912**.

A 20% lighter version of the original color is **67.2493, 62.2360, 72.0867**, and **15.5011, 13.2320, 15.9244** is the 20% darker color. If you saturate the color by 10%, you get **31.9633, 26.3154, 31.6376**, and if you desaturate by 10%, it is **39.1838, 37.8503, 43.0030**.

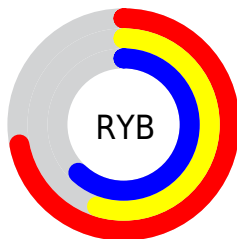
Distribution



Red (72%)

Green (55%)

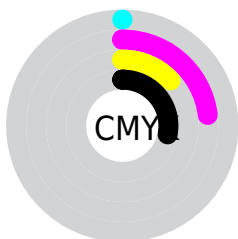
Blue (62%)



Red (72%)

Yellow (55%)

Blue (62%)

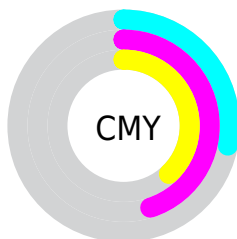


Cyan (0%)

Magenta (23%)

Yellow (13%)

Black (28%)



Cyan (28%)


Magenta (45%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3113, 31.6202, 37.0431 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 35.3113, 31.6202, 37.0431 by changing the saturation by 10% instead.


 35.3113, 31.6202,
37.0431


 35.3113, 31.6202,
37.0431


317.4243,
309.3855, 348.6714


 24.0704, 21.0716,
24.9448


 67.2986, 62.2152,
71.8261

 15.5109, 13.1763,
15.8173


 88.7757, 83.0304,
95.3480

 9.2674, 7.5501,
9.2420


 114.3956,
108.0365, 123.5147

 4.9745, 3.8084,
4.8004

144.5236,
137.6180, 156.7450

 2.2669, 1.5670,
2.0740

179.5252,
172.1592, 195.4572

 0.7776, 0.3352,
0.6002

219.7655,

 0.0000, 0.0000,

212.0447, 240.0700

0.0000

265.6101,
257.6586, 291.0019

■ 35.3113, 31.6202,
37.0431

■ 35.3113, 31.6202,
37.0431

■ 31.9633, 26.3154,
31.6376

■ 39.1838, 37.8503,
43.0030

■ 29.1133, 21.8870,
26.7672

■ 43.6002, 45.0429,
49.5318

■ 26.7365, 18.2883,
22.4144

■ 48.5823, 53.2383,
56.6457

■ 24.8047, 15.4663,
18.5597

■ 54.1499, 62.4733,
64.3598

■ 23.2868, 13.3618,
15.1821

■ 60.3218, 72.7829,
72.6885

■ 22.1469, 11.9072,
12.2586

■ 67.1160, 84.2002,
81.6457

■ 21.3428, 11.0213,
9.7634

■ 69.8835, 87.4253,
89.6895

■ 20.9189, 10.6235,
8.2351

■ 71.4156, 88.0382,
97.7578

■ 73.0378, 88.6870,
106.2997

Harmonies

Analogous

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



34.0874, 31.6202, 44.6347



35.3113, 31.6202, 37.0431



35.0652, 31.6202, 29.7409

Triad

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



35.3113, 31.6202, 37.0431



28.3691, 31.6202, 22.5258



26.9105, 31.6202, 46.7277

Complementary

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



35.3113, 31.6202, 37.0431



34.7108, 42.2471, 41.9243

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.



25.5446, 31.6202, 39.5856



35.3113, 31.6202, 37.0431



26.3521, 31.6202, 25.9112

Square

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



35.3113, 31.6202, 37.0431



30.9535, 31.6202, 22.0509



25.3464, 31.6202, 31.9409



29.1722, 31.6202, 50.7418

Rectangle

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



35.3113, 31.6202, 37.0431



34.1052, 31.6202, 25.9575



25.3464, 31.6202, 31.9409



26.3371, 31.6202, 44.5683

Sweetspot

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



35.3122, 31.6216, 37.0438



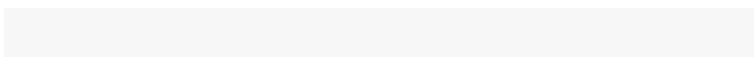
74.6697, 75.0884, 83.7120



33.5488, 30.4481, 48.9090



16.3876, 16.4142, 18.3350



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.3122, 31.6216, 37.0438



59.8229, 51.1940, 60.8850



34.2802, 31.8778, 29.5473



9.1601, 9.0744, 10.1903



14.6263, 7.4243, 5.9186



0.5467, 0.2742, 0.3726

Inverse Universe

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



35.3122, 31.6216, 37.0438



59.8229, 51.1940, 60.8850



35.8944, 41.8057, 50.9776



9.1601, 9.0744, 10.1903



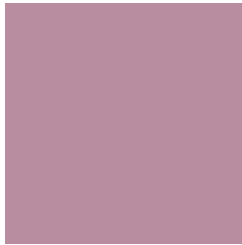
14.6263, 7.4243, 5.9186



0.5467, 0.2742, 0.3726

Previews

White Background



This preview shows how the XYZ color 35.3113, 31.6202, 37.0431 looks on a white background.

Color Contrast Check

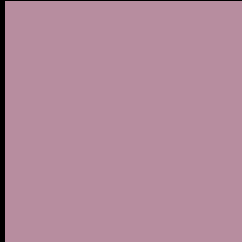
Large Text (above 18pt) WCAG AA × Fail

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 35.3113, 31.6202, 37.0431 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 35.3113, 31.6202, 37.0431

Background



This preview shows how black text looks on a background with the XYZ color 35.3113, 31.6202, 37.0431.



This preview shows how white text looks on a background with the XYZ color 35.3113, 31.6202,

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

35.3113, 31.6202, 37.0431

Protanopia

31.0601, 31.8850, 40.5938

Deuteranopia

32.2785, 31.6478, 36.7551



Tritanopia

34.7142, 31.5910, 34.4050

Trichromacy



Original Color

35.3113, 31.6202, 37.0431

Protanomaly

32.3050, 31.6107, 39.0491

Deuteranomaly

33.3102, 31.4901, 36.6703

Tritanomaly

34.8808, 31.6576, 35.2825

Monochromacy



Original Color

35.3113, 31.6202, 37.0431

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.8783, 32.6745, 36.4722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3113, 31.6202, 37.0431 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(183, 141, 159)` looks like.

```
.text, #text, p{  
    color:rgb(183, 141, 159)  
}
```

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(183, 141, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 141, 159) }
```

Border

The CSS property to change the border of an element to XYZ 35.3113, 31.6202, 37.0431 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(183, 141, 159) }
```


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

```
.border{ border-color:rgb(183, 141, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 141, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 141, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 141, 159); box-shadow:4px 4px 4px 4px rgb(183, 141, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3113, 31.6202, 37.0431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 141, 159) }
```

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

```
.background{ background-color: rgb(183,  
141, 159) }
```

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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