

Converting Colors

XYZ(36.1911, 31.0815, 32.5514)

Have a look what the booklet for
XYZ(36.1911, 31.0815, 32.5514)
contains.

XYZ(36.2213, 31.1157, 32.5306)	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(36.2213, 31.1157,
32.5306)**

Conversions

Conversions Part 1

Format	Color
Hex	C18895
RGB	193, 136, 149
RGB Percent	76%, 53%, 58%
CMY	0.2431, 0.4666, 0.4157
CMYK	0.00, 0.30, 0.23, 0.24
HSL	346°, 31%, 65%
HSV	346°, 30%, 76%
XYZ	36.2213, 31.1157, 32.5306
YIQ	154.5250, 29.7990, 16.1270

Conversions

Conversions Part 2

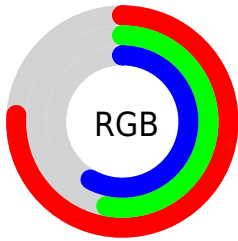
Format	Color
R _Y B	193, 136, 149
Decimal	12683413
CIE Lab	62.61, 23.69, 1.82
CIE LCh	63, 23.758, 4.402
Yxy	31.1157, 0.3627, 0.3116
Android (android.graphics.Color)	4290873493 (0xFFC18895)
YUV	154.5250, -2.7238, 33.7426
Hunter-Lab	55.7814, 18.2902, 4.4703

Details

The XYZ color **36.2213, 31.1157, 32.5306** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.4629, 46.6702, 50.2161**, and the grayscale version is **30.9492, 32.5609, 35.4588**.

A 20% lighter version of the original color is **68.6173, 61.4627, 64.7469**, and **16.0136, 12.9407, 13.2091** is the 20% darker color. If you saturate the color by 10%, you get **32.6296, 25.7155, 25.8352**, and if you desaturate by 10%, it is **40.4564, 37.5585, 40.1919**.

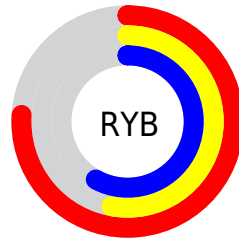
Distribution



Red (76%)

Green (53%)

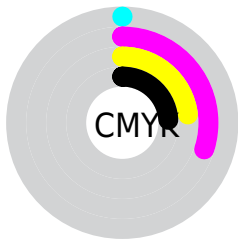
Blue (58%)



Red (76%)

Yellow (53%)

Blue (58%)

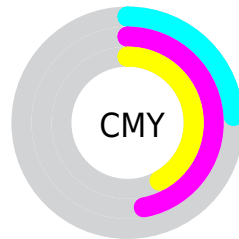


Cyan (0%)

Magenta (30%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (47%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2213, 31.1157, 32.5306 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 36.2213, 31.1157, 32.5306 by changing the saturation by 10% instead.


 36.2213, 31.1157,
32.5306


 36.2213, 31.1157,
32.5306


321.3412,
307.0710, 328.0962


 24.7761, 20.6870,
21.4989


 68.6951, 61.4222,
64.7495

 16.0381, 12.8954,
13.2944

 90.4544, 82.0687,
86.7739

 9.6422, 7.3565,
7.4985


 116.3825,
106.8900, 113.2995

 5.2228, 3.6861,
3.6926

146.8446,
136.2704, 144.7450

 2.4147, 1.4995,
1.4583

182.2062,
170.5943, 181.5289

 0.8524, 0.2884,
0.1866

222.8326,

 0.0000, 0.0000,

210.2461, 224.0696

0.0000

269.0891,
255.6102, 272.7859

■ 36.2213, 31.1157,
32.5306

■ 36.2213, 31.1157,
32.5306

■ 32.6296, 25.7155,
25.8352

■ 40.4564, 37.5585,
40.1919

■ 29.6466, 21.2987,
20.0650

■ 45.3620, 45.0905,
48.8540

■ 27.2384, 17.8068,
15.1790

■ 50.9669, 53.7603,
58.5523

■ 25.3666, 15.1735,
11.1321

■ 57.2972, 63.6128,
69.3196

■ 23.9877, 13.3232,
7.8754

■ 64.3779, 74.6901,
81.1876

■ 23.0514, 12.1672,
5.3540

■ 72.2326, 87.0324,
94.1866

■ 22.4703, 11.5444,
3.4970

■ 75.5292, 89.9682,
106.5606

■ 22.4472, 11.5194,
3.4240

■ 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



35.5475, 31.1157, 42.1757



36.2213, 31.1157, 32.5306



35.0105, 31.1157, 24.7772

Triad

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



36.2213, 31.1157, 32.5306



26.1970, 31.1157, 21.2024



26.9672, 31.1157, 52.6225

Complementary

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



36.2213, 31.1157, 32.5306



37.4629, 46.6702, 50.2161

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.



24.7326, 31.1157, 44.9763



36.2213, 31.1157, 32.5306



24.3112, 31.1157, 26.7498

Square

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



36.2213, 31.1157, 32.5306



29.0996, 31.1157, 19.0389



23.7951, 31.1157, 35.2656



30.0546, 31.1157, 54.9305

Rectangle

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



36.2213, 31.1157, 32.5306



33.3458, 31.1157, 21.3590



23.7951, 31.1157, 35.2656



26.0989, 31.1157, 50.5305

Sweetspot

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



36.2222, 31.1172, 32.5312



81.6116, 81.3245, 88.1405



37.1835, 31.1275, 54.5008



17.2137, 16.9926, 18.3937



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.2222, 31.1172, 32.5312



60.8683, 49.6928, 50.8450



37.5361, 35.3141, 28.1323



10.1652, 10.1147, 10.9604



14.9557, 7.6720, 2.4126



0.6734, 0.3424, 0.2477

Inverse Universe

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



36.2222, 31.1172, 32.5312



60.8683, 49.6928, 50.8450



35.6608, 40.8468, 56.4571



10.1652, 10.1147, 10.9604



14.9557, 7.6720, 2.4126



0.6734, 0.3424, 0.2477

Previews

White Background



This preview shows how the XYZ color 36.2213, 31.1157, 32.5306 looks on a white background.

Color Contrast Check

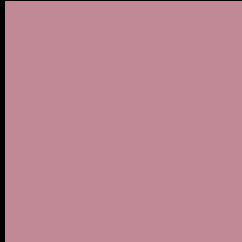
Large Text (above 18pt) WCAG AA × Fail

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 36.2213, 31.1157, 32.5306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

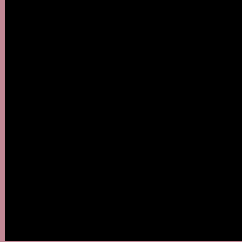
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2213, 31.1157, 32.5306

Background



This preview shows how black text looks on a background with the XYZ color 36.2213, 31.1157, 32.5306.



This preview shows how white text looks on a background with the XYZ color 36.2213, 31.1157,

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

36.2213, 31.1157, 32.5306

Protanopia

30.3750, 31.3741, 36.8026

Deuteranopia

31.8486, 31.2989, 31.9664



Tritanopia

36.0629, 31.0524, 31.6967

Trichromacy



Original Color

36.2213, 31.1157, 32.5306

Protanomaly

32.3437, 31.2492, 35.3373

Deuteranomaly

33.2992, 31.1302, 32.2706

Tritanomaly

36.1418, 31.0839, 32.1119

Monochromacy



Original Color

36.2213, 31.1157, 32.5306

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 36.2213, 31.1157, 32.5306 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(193, 136, 149)` looks like.

```
.text, #text, p{  
    color:rgb(193, 136, 149)  
}
```

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(193, 136, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 136, 149) }
```

Border

The CSS property to change the border of an element to XYZ 36.2213, 31.1157, 32.5306 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(193, 136, 149) }
```


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

```
.border{ border-color:rgb(193, 136, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 136, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 136, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 136, 149);  
box-shadow:4px 4px 4px 4px rgb(193, 136,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2213, 31.1157, 32.5306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 136, 149) }
```

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

```
.background{ background-color: rgb(193,  
136, 149) }
```

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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