

Converting Colors

XYZ(35.8751, 31.1731, 31.3207)

Have a look what the booklet for
XYZ(35.8751, 31.1731, 31.3207)
contains.

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Color

**XYZ(35.8722, 31.1731,
31.3205)**

Conversions

Conversions Part 1

Format	Color
Hex	C08992
RGB	192, 137, 146
RGB Percent	75%, 54%, 57%
CMY	0.2471, 0.4627, 0.4274
CMYK	0.00, 0.29, 0.24, 0.25
HSL	350°, 30%, 65%
HSV	350°, 29%, 75%
XYZ	35.8722, 31.1731, 31.3205
YIQ	154.4710, 29.8910, 14.4590

Conversions

Conversions Part 2

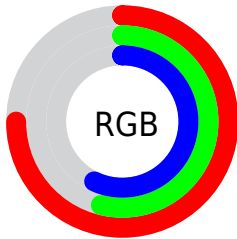
Format	Color
R _Y B	192, 137, 146
Decimal	12618130
CIE Lab	62.65, 22.31, 3.59
CIE LCh	63, 22.597, 9.130
Yxy	31.1731, 0.3647, 0.3169
Android (android.graphics.Color)	4290808210 (0xFFC08992)
YUV	154.4710, -4.1762, 32.9129
Hunter-Lab	55.8329, 16.9774, 5.8232

Details

The XYZ color **35.8722, 31.1731, 31.3205** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7147, 46.4373, 51.7775**, and the grayscale version is **30.9315, 32.5424, 35.4386**.

A 20% lighter version of the original color is **68.1231, 61.5715, 62.9376**, and **15.8360, 12.9793, 12.7369** is the 20% darker color. If you saturate the color by 10%, you get **32.2191, 25.7276, 24.3664**, and if you desaturate by 10%, it is **40.1881, 37.6630, 39.3621**.

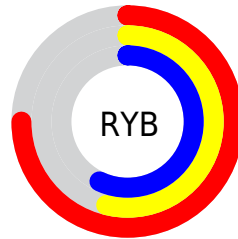
Distribution



Red (75%)

Green (54%)

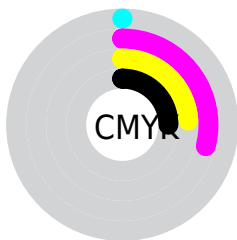
Blue (57%)



Red (75%)

Yellow (54%)

Blue (57%)

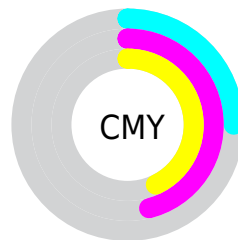


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (46%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8722, 31.1731, 31.3205 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 35.8722, 31.1731, 31.3205 by changing the saturation by 10% instead.


 35.8722, 31.1731,
31.3205


 35.8722, 31.1731,
31.3205


319.8426,
307.3350, 322.4090


 24.5052, 20.7307,
20.5825


 68.1599, 61.5125,
62.8298

 15.8355, 12.9273,
12.6309


 89.8113, 82.1783,
84.4382

 9.4980, 7.3785,
7.0472


 115.6216,
107.0206, 110.5071

 5.1271, 3.6999,
3.4127

145.9560,
136.4240, 141.4551

 2.3575, 1.5072,
1.3090

181.1799,
170.7727, 177.7008

 0.8239, 0.2938,
0.0692

221.6588,

 0.0000, 0.0000,

210.4512, 219.6626

0.0000

267.7579,
255.8438, 267.7592

■ 35.8722, 31.1731,
31.3205

■ 35.8722, 31.1731,
31.3205

■ 32.2191, 25.7276,
24.3664

■ 40.1881, 37.6630,
39.3621

■ 29.1934, 21.2677,
18.4510

■ 45.1951, 45.2435,
48.5333

■ 26.7599, 17.7355,
13.5245

■ 50.9227, 53.9630,
58.8763

■ 24.8790, 15.0653,
9.5323

■ 57.3981, 63.8660,
70.4306

■ 23.5061, 13.1826,
6.4143

■ 64.6470, 74.9945,
83.2338

■ 22.5896, 12.0001,
4.1033

■ 72.6938, 87.3884,
97.3218

■ 22.0494, 11.3762,
2.5160

■ 75.5483, 89.9465,
107.9873

■ 21.9911, 11.3076,
2.3482

Harmonies

Analogous

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



35.5171, 31.1731, 40.3531



35.8722, 31.1731, 31.3205



34.4668, 31.1731, 24.3207

Triad

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



35.8722, 31.1731, 31.3205



26.0452, 31.1731, 22.4079



27.5681, 31.1731, 52.3937

Complementary

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



35.8722, 31.1731, 31.3205



37.7147, 46.4373, 51.7775

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.



25.2667, 31.1731, 45.8158



35.8722, 31.1731, 31.3205



24.4307, 31.1731, 28.2490

Square

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



35.8722, 31.1731, 31.3205



28.6989, 31.1731, 19.7943



24.1559, 31.1731, 36.7063



30.5791, 31.1731, 53.6027

Rectangle

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



35.8722, 31.1731, 31.3205



32.7742, 31.1731, 21.3618



24.1559, 31.1731, 36.7063



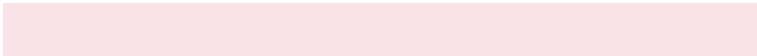
26.6919, 31.1731, 50.6888

Sweetspot

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



35.8731, 31.1746, 31.3211



81.4059, 81.2422, 87.0573



37.9499, 31.7455, 53.9967



17.1633, 16.9725, 18.1285



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.



35.8731, 31.1746, 31.3211



60.9515, 50.4399, 49.0826



38.0315, 36.5677, 28.7225



10.1389, 10.1042, 10.8221



14.8171, 7.6166, 1.6829



0.6617, 0.3377, 0.1860

Inverse Universe

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



35.8731, 31.1746, 31.3211



60.9515, 50.4399, 49.0826



34.9039, 39.2687, 55.6094



10.1389, 10.1042, 10.8221



14.8171, 7.6166, 1.6829



0.6617, 0.3377, 0.1860

Previews

White Background



This preview shows how the XYZ color 35.8722, 31.1731, 31.3205 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 35.8722, 31.1731, 31.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

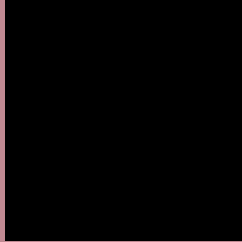
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8722, 31.1731, 31.3205

Background



This preview shows how black text looks on a background with the XYZ color 35.8722, 31.1731, 31.3205.



This preview shows how white text looks on a background with the XYZ color 35.8722, 31.1731,

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

35.8722, 31.1731, 31.3205

Protanopia

30.2258, 31.3363, 35.0273

Deuteranopia

31.8299, 31.3161, 30.7525



Tritanopia

35.9503, 31.2044, 31.7320

Trichromacy



Original Color

35.8722, 31.1731, 31.3205

Protanomaly

32.0132, 31.1170, 33.5971

Deuteranomaly

33.0648, 31.0364, 31.0360

Tritanomaly

35.9503, 31.2044, 31.7320

Monochromacy



Original Color

35.8722, 31.1731, 31.3205

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.3243, 31.7390, 33.7007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8722, 31.1731, 31.3205 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(192, 137, 146)` looks like.

```
.text, #text, p{  
    color:rgb(192, 137, 146)  
}
```

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(192, 137, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 137, 146) }
```

Border

The CSS property to change the border of an element to XYZ 35.8722, 31.1731, 31.3205 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(192, 137, 146) }
```


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

```
.border{ border-color:rgb(192, 137, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 137, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 137, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 137, 146);  
box-shadow:4px 4px 4px 4px rgb(192, 137,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8722, 31.1731, 31.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 137, 146) }
```

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

```
.background{ background-color: rgb(192,  
137, 146) }
```

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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