

Converting Colors

XYZ(32.5348, 31.0313, 8.8323)

Have a look what the booklet for
XYZ(32.5348, 31.0313, 8.8323)
contains.

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Color

**XYZ(32.5348, 31.0313,
8.8323)**

Conversions

Conversions Part 1

Format	Color
Hex	C18E3E
RGB	193, 142, 62
RGB Percent	76%, 56%, 24%
CMY	0.2431, 0.4431, 0.7569
CMYK	0.00, 0.26, 0.68, 0.24
HSL	37°, 51%, 50%
HSV	37°, 68%, 76%
XYZ	32.5348, 31.0313, 8.8323
YIQ	148.1290, 56.0760, -14.0680

Conversions

Conversions Part 2

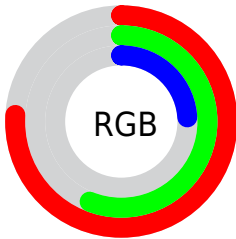
Format	Color
RYB	146, 193, 62
Decimal	12684862
CIELab	62.53, 11.25, 48.83
CIElCh	63, 50.107, 77.021
Yxy	31.0313, 0.4494, 0.4286
Android (android.graphics.Color)	4290874942 (0xFFC18E3E)
YUV	148.1290, -42.4616, 39.3519
Hunter-Lab	55.7057, 6.7674, 29.5934

Details

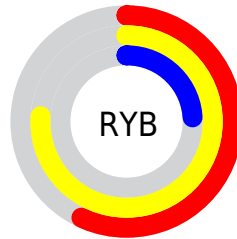
The XYZ color **32.5348, 31.0313, 8.8323** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **17.5170, 16.6838, 52.7487**, and the grayscale version is **28.3582, 29.8351, 32.4904**.

A 20% lighter version of the original color is **63.2286, 61.5548, 24.1715**, and **13.8517, 12.8183, 1.9164** is the 20% darker color. If you saturate the color by 10%, you get **31.0161, 28.6963, 6.1612**, and if you desaturate by 10%, it is **34.3184, 33.5953, 12.5199**.

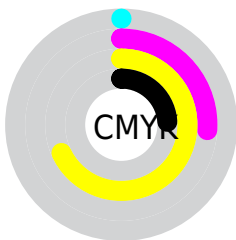
Distribution



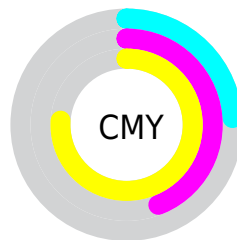
- Red (76%)
- Green (56%)
- Blue (24%)



- Red (57%)
- Yellow (76%)
- Blue (24%)



- Cyan (0%)
- Magenta (26%)
- Yellow (68%)
- Black (24%)





- Cyan (24%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5348, 31.0313, 8.8323 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 32.5348, 31.0313, 8.8323 by changing the saturation by 10% instead.


 32.5348, 31.0313,
8.8323


 32.5348, 31.0313,
8.8323


305.2505,
306.6825, 192.2937


 21.9278, 20.6227,
4.5366


 63.0081, 61.2893,
24.1472

 13.9202, 12.8485,
1.9241


 83.6052, 81.9076,
36.0035


 8.1465, 7.3243,
0.5080


 108.2630,
106.6978, 51.2171

 4.2414, 3.6657,
0.0000

 137.3468,
136.0444, 70.2066

 1.8396, 1.4884,
0.0000

 171.2222,
170.3317, 93.3904

 0.5414, 0.2805,
0.0000

210.2543,

 0.0000, 0.0000,

209.9443, 121.1872

0.0000

254.8086,
255.2664, 154.0154

■ 32.5348, 31.0313,
8.8323

■ 32.5348, 31.0313,
8.8323

■ 31.0161, 28.6963,
6.1612

■ 34.3184, 33.5953,
12.5199

■ 29.7376, 26.5743,
4.3939

■ 36.3839, 36.3938,
17.3170

■ 28.6671, 24.6514,
3.3651

■ 38.7495, 39.4373,
23.3080

■ 28.4552, 24.2635,
3.1836

■ 41.4306, 42.7343,
30.5685

■ 44.4416, 46.2926,
39.1678

■ 47.7961, 50.1198,
49.1702

■ 51.5066, 54.2228,
60.6359

■ 55.5850, 58.6084,
73.6213

■ 60.0426, 63.2830,
88.1801

Harmonies

Analogous

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



39.3546, 31.0313, 13.1044



32.5348, 31.0313, 8.8323



25.8241, 31.0313, 9.1152

Triad

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



32.5348, 31.0313, 8.8323



18.6595, 31.0313, 46.0002



40.1516, 31.0313, 66.3533

Complementary

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



32.5348, 31.0313, 8.8323



17.5170, 16.6838, 52.7487

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.



33.4968, 31.0313, 83.8433



32.5348, 31.0313, 8.8323



21.4361, 31.0313, 69.3305

Square

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



32.5348, 31.0313, 8.8323



18.4839, 31.0313, 26.0441



26.6494, 31.0313, 85.1047



44.1866, 31.0313, 42.9319

Rectangle

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



32.5348, 31.0313, 8.8323



22.2902, 31.0313, 11.8163



26.6494, 31.0313, 85.1047



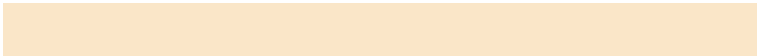
38.1041, 31.0313, 73.4565

Sweetspot

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



32.5355, 31.0328, 8.8329



78.2250, 81.3130, 66.1667



26.7750, 16.0069, 17.7180



16.4500, 17.0538, 13.2421



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.



32.5355, 31.0328, 8.8329



54.4938, 49.6796, 9.4575



38.7384, 48.1787, 11.8155



10.5736, 11.0786, 10.6430



19.0058, 16.2973, 2.1440



0.8865, 0.8348, 0.1144

Inverse Universe

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



17.5170, 16.6838, 52.7487



25.9306, 22.5045, 93.3374



14.2579, 8.7957, 51.3979



9.8427, 10.3767, 12.7690



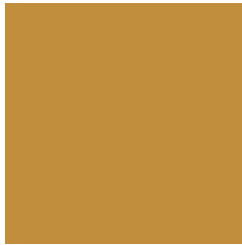
8.1542, 6.0648, 34.2975



0.4193, 0.3961, 1.5042

Previews

White Background



This preview shows how the XYZ color 32.5348, 31.0313, 8.8323 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 32.5348, 31.0313, 8.8323 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 32.5348, 31.0313, 8.8323

Background



This preview shows how black text looks on a background with the XYZ color 32.5348, 31.0313, 8.8323.



This preview shows how white text looks on a background with the XYZ color 32.5348, 31.0313,

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

32.5348, 31.0313, 8.8323

Protanopia

28.5446, 31.2731, 9.5329

Deuteranopia

31.5546, 30.9748, 8.7305



Tritanopia

36.9748, 30.9308, 30.4070

Trichromacy



Original Color

32.5348, 31.0313, 8.8323

Protanomaly

29.8754, 31.0150, 9.2624

Deuteranomaly

31.9000, 30.9290, 8.7035

Tritanomaly

34.8674, 30.6935, 20.0063

Monochromacy



Original Color

32.5348, 31.0313, 8.8323

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.7996, 29.7346, 21.0511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5348, 31.0313, 8.8323 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, 142, 62)` looks like.

```
.text, #text, p{  
    color:rgb(193, 142, 62)  
}
```

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, 142, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 142, 62) }
```

Border

The CSS property to change the border of an element to XYZ 32.5348, 31.0313, 8.8323 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, 142, 62) }
```


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

```
.border{ border-color:rgb(193, 142, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 142, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 142, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 142, 62);  
box-shadow:4px 4px 4px 4px rgb(193, 142,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5348, 31.0313, 8.8323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 142, 62) }
```

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

```
.background{ background-color: rgb(193,  
142, 62) }
```

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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