

Converting Colors

XYZ(32.5114, 31.5474, 8.1443)

Have a look what the booklet for
XYZ(32.5114, 31.5474, 8.1443)
contains.

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Color

**XYZ(32.4253, 31.4385,
8.1006)**

Conversions

Conversions Part 1

Format	Color
Hex	C09038
RGB	192, 144, 56
RGB Percent	75%, 56%, 22%
CMY	0.2471, 0.4353, 0.7804
CMYK	0.00, 0.25, 0.71, 0.25
HSL	39°, 55%, 49%
HSV	39°, 71%, 75%
XYZ	32.4253, 31.4385, 8.1006
YIQ	148.3200, 56.8560, -17.1920

Conversions

Conversions Part 2

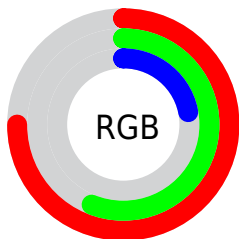
Format	Color
RYB	130, 192, 56
Decimal	12619832
CIELab	62.88, 9.39, 51.88
CIElCh	63, 52.719, 79.744
Yxy	31.4385, 0.4506, 0.4369
Android (android.graphics.Color)	4290809912 (0xFFC09038)
YUV	148.3200, -45.5138, 38.3074
Hunter-Lab	56.0700, 5.1039, 30.6832

Details

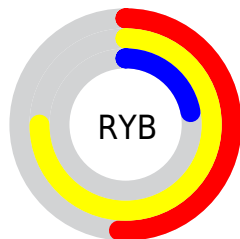
The XYZ color **32.4253, 31.4385, 8.1006** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **16.0954, 14.5466, 51.8283**, and the grayscale version is **28.4504, 29.9321, 32.5960**.

A 20% lighter version of the original color is **63.0457, 62.1663, 22.8638**, and **13.8342, 13.0737, 1.7943** is the 20% darker color. If you saturate the color by 10%, you get **31.0472, 29.2954, 5.7523**, and if you desaturate by 10%, it is **34.0464, 33.7800, 11.4188**.

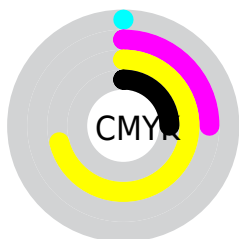
Distribution



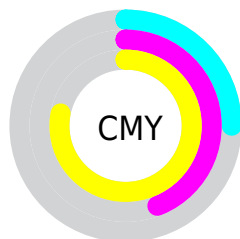
- Red (75%)
- Green (56%)
- Blue (22%)



- Red (51%)
- Yellow (75%)
- Blue (22%)



- Cyan (0%)
- Magenta (25%)
- Yellow (71%)
- Black (25%)





- Cyan (25%)
- Magenta (44%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4253, 31.4385, 8.1006 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 32.4253, 31.4385, 8.1006 by changing the saturation by 10% instead.


 32.4253, 31.4385,
8.1006


 32.4253, 31.4385,
8.1006


304.7631,
308.5534, 186.4829

 21.8437, 20.9330,
4.0707


 62.8379, 61.9298,
22.7048

 13.8580, 13.0750,
1.6642


 83.3997, 82.6844,
34.1163

 8.1030, 7.4802,
0.3360


 108.0188,
107.6241, 48.8253

 4.2133, 3.7642,
0.0000

 137.0607,
137.1333, 67.2504

 1.8235, 1.5426,
0.0000

 170.8907,
171.5964, 89.8102

 0.5318, 0.3184,
0.0000

 209.8742,

 0.0000, 0.0000,

211.3979, 116.9232

0.0000

254.3766,
256.9221, 149.0079

■ 32.4253, 31.4385,
8.1006

■ 32.4253, 31.4385,
8.1006

■ 31.0472, 29.2954,
5.7523

■ 34.0464, 33.7800,
11.4188

■ 29.8872, 27.3350,
4.2563

■ 35.9280, 36.3246,
15.8023

■ 28.9761, 25.6823,
3.4300

■ 38.0878, 39.0824,
21.3374

■ 40.5415, 42.0612,
28.1006

■ 43.3032, 45.2682,
36.1621

■ 46.3860, 48.7102,
45.5864

■ 49.8024, 52.3937,
56.4341

■ 53.5639, 56.3247,
68.7618

■ 57.6816, 60.5091,
82.6232

Harmonies

Analogous

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



39.7941, 31.4385, 11.9516



32.4253, 31.4385, 8.1006



25.4272, 31.4385, 8.7703

Triad

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



32.4253, 31.4385, 8.1006



18.6146, 31.4385, 49.5176



41.7946, 31.4385, 66.9392

Complementary

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



32.4253, 31.4385, 8.1006



16.0954, 14.5466, 51.8283

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.



34.8274, 31.4385, 87.0351



32.4253, 31.4385, 8.1006



21.7688, 31.4385, 74.4873

Square

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



32.4253, 31.4385, 8.1006



18.1839, 31.4385, 27.6210



27.4741, 31.4385, 90.2486



45.7530, 31.4385, 41.8199

Rectangle

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



32.4253, 31.4385, 8.1006



21.8460, 31.4385, 11.8384



27.4741, 31.4385, 90.2486



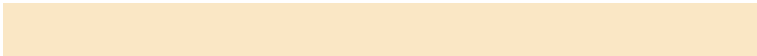
39.6789, 31.4385, 74.8723

Sweetspot

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



32.4260, 31.4401, 8.1012



78.1972, 81.7207, 64.7288



25.7471, 15.0729, 15.1521



16.4666, 17.1772, 12.9698



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.



32.4260, 31.4401, 8.1012



55.0479, 51.0777, 8.7481



36.9892, 46.9680, 10.8579



10.6047, 11.1407, 10.6533



19.5733, 17.4324, 2.3332



0.9085, 0.8789, 0.1218

Inverse Universe

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



16.0954, 14.5466, 51.8283



23.8638, 18.9856, 92.7671



13.7632, 8.0956, 50.7061



9.8126, 10.3166, 12.7589



7.8503, 5.4570, 34.1962



0.4045, 0.3663, 1.4993

Previews

White Background



This preview shows how the XYZ color 32.4253, 31.4385, 8.1006 looks on a white background.

Color Contrast Check

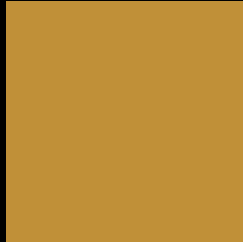
Large Text (above 18pt) WCAG AA × Fail

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 32.4253, 31.4385, 8.1006 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 32.4253, 31.4385, 8.1006

Background



This preview shows how black text looks on a background with the XYZ color 32.4253, 31.4385, 8.1006.



This preview shows how white text looks on a background with the XYZ color 32.4253, 31.4385,

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

32.4253, 31.4385, 8.1006

Protanopia

28.7325, 31.6340, 8.5946

Deuteranopia

32.0744, 31.4835, 8.1278



Tritanopia

37.0635, 31.3780, 30.8912

Trichromacy



Original Color

32.4253, 31.4385, 8.1006

Protanomaly

30.0050, 31.5731, 8.3837

Deuteranomaly

32.3251, 31.6127, 8.1395

Tritanomaly

34.8341, 31.1050, 19.7907

Monochromacy



Original Color

32.4253, 31.4385, 8.1006

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8381, 29.9978, 20.4899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4253, 31.4385, 8.1006 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, 144, 56)` looks like.

```
.text, #text, p{  
    color:rgb(192, 144, 56)  
}
```

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, 144, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 144, 56) }
```

Border

The CSS property to change the border of an element to XYZ 32.4253, 31.4385, 8.1006 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, 144, 56) }
```


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

```
.border{ border-color:rgb(192, 144, 56) }
```

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

Here you see how a box with a 4 pixel rgb(192, 144, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 144, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 144, 56);  
box-shadow:4px 4px 4px 4px rgb(192, 144,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4253, 31.4385, 8.1006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 144, 56) }
```

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

```
.background{ background-color: rgb(192,  
144, 56) }
```

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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