

Converting Colors

XYZ(32.1243, 31.5034, 8.3906)

Have a look what the booklet for
XYZ(32.1243, 31.5034, 8.3906)
contains.

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Color

**XYZ(32.1243, 31.5034,
8.3906)**

Conversions

Conversions Part 1

Format	Color
Hex	BE913A
RGB	190, 145, 58
RGB Percent	75%, 57%, 23%
CMY	0.2549, 0.4314, 0.7725
CMYK	0.00, 0.24, 0.69, 0.25
HSL	40°, 53%, 49%
HSV	40°, 69%, 75%
XYZ	32.1243, 31.5034, 8.3906
YIQ	148.5370, 54.7470, -17.5170

Conversions

Conversions Part 2

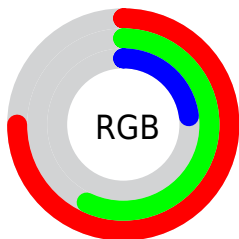
Format	Color
RYB	126, 190, 58
Decimal	12489018
CIELab	62.93, 8.07, 50.98
CIELCh	63, 51.613, 81.006
Yxy	31.5034, 0.4461, 0.4374
Android (android.graphics.Color)	4290679098 (0xFFBE913A)
YUV	148.5370, -44.6347, 36.3631
Hunter-Lab	56.1279, 3.9391, 30.4262

Details

The XYZ color **32.1243, 31.5034, 8.3906** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **15.8892, 14.3172, 50.6409**, and the grayscale version is **28.5386, 30.0248, 32.6970**.

A 20% lighter version of the original color is **62.2507, 62.0907, 23.1717**, and **13.7651, 13.1710, 1.8168** is the 20% darker color. If you saturate the color by 10%, you get **30.7658, 29.4226, 5.9773**, and if you desaturate by 10%, it is **33.7190, 33.7715, 11.7630**.

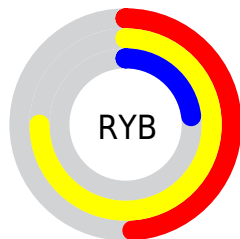
Distribution



Red (75%)

Green (57%)

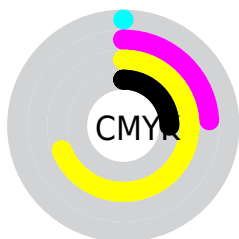
Blue (23%)



Red (49%)

Yellow (75%)

Blue (23%)

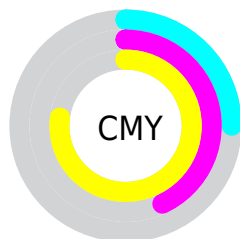


Cyan (0%)

Magenta (24%)

Yellow (69%)

Black (25%)



Cyan (25%)


Magenta (43%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1243, 31.5034, 8.3906 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 32.1243, 31.5034, 8.3906 by changing the saturation by 10% instead.


 32.1243, 31.5034,
8.3906


 32.1243, 31.5034,
8.3906

303.4203,
308.8508, 188.8119

 21.6125, 20.9825,
4.2545


 62.3698, 62.0318,
23.2794

 13.6874, 13.1112,
1.7660


 82.8341, 82.8080,
34.8692


 7.9838, 7.5052,
0.4054


 107.3467,
107.7714, 49.7807

 4.1363, 3.7800,
0.0000

 136.2729,
137.3065, 68.4323

 1.7795, 1.5513,
0.0000

 169.9779,
171.7976, 91.2428

 0.5053, 0.3244,
0.0000

 208.8273,

 0.0000, 0.0000,

211.6291, 118.6305

0.0000

253.1863,
257.1853, 151.0140

■ 32.1243, 31.5034,
8.3906

■ 32.1243, 31.5034,
8.3906

■ 30.7658, 29.4226,
5.9773

■ 33.7190, 33.7715,
11.7630

■ 29.6197, 27.5142,
4.4116

■ 35.5662, 36.2311,
16.1857

■ 28.6472, 25.7626,
3.4916

■ 37.6831, 38.8918,
21.7411

■ 28.5983, 25.6735,
3.4482

■ 40.0845, 41.7608,
28.5030

■ 42.7839, 44.8449,
36.5389

■ 45.7940, 48.1505,
45.9112

■ 49.1267, 51.6837,
56.6781

■ 52.7931, 55.4501,
68.8946

■ 56.8037, 59.4554,
82.6124

Harmonies

Analogous

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



39.3625, 31.5034, 12.0313



32.1243, 31.5034, 8.3906



25.3188, 31.5034, 9.2449

Triad

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



32.1243, 31.5034, 8.3906



18.9378, 31.5034, 50.2805



41.8324, 31.5034, 65.1866

Complementary

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



32.1243, 31.5034, 8.3906



15.8892, 14.3172, 50.6409

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.



35.0986, 31.5034, 85.1585



32.1243, 31.5034, 8.3906



22.1606, 31.5034, 74.4549

Square

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



32.1243, 31.5034, 8.3906



18.3992, 31.5034, 28.5553



27.8628, 31.5034, 89.0934



45.5206, 31.5034, 40.7719

Rectangle

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



32.1243, 31.5034, 8.3906



21.8620, 31.5034, 12.4749



27.8628, 31.5034, 89.0934



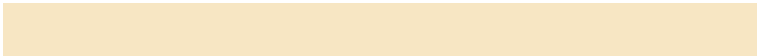
39.8042, 31.5034, 72.9875

Sweetspot

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



32.1250, 31.5049, 8.3912



76.5755, 80.1920, 63.3137



25.2572, 14.9770, 14.7101



16.5091, 17.2621, 12.9840



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.



32.1250, 31.5049, 8.3912



54.6951, 51.5954, 9.2713



35.7979, 45.7005, 10.9377



10.0409, 10.5578, 10.0853



19.0915, 17.2218, 2.3179



0.8063, 0.7914, 0.1103

Inverse Universe

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



15.8892, 14.3172, 50.6409



23.5971, 18.8255, 90.6691



13.9331, 8.3554, 49.5933



9.2752, 9.7428, 12.0639



7.4943, 5.1004, 32.9824



0.3553, 0.3233, 1.3125

Previews

White Background



This preview shows how the XYZ color 32.1243, 31.5034, 8.3906 looks on a white background.

Color Contrast Check

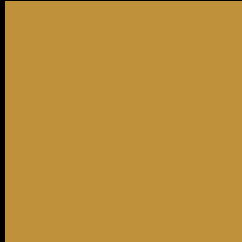
Large Text (above 18pt) WCAG AA × Fail

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 32.1243, 31.5034, 8.3906 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 32.1243, 31.5034, 8.3906

Background



This preview shows how black text looks on a background with the XYZ color 32.1243, 31.5034, 8.3906.



This preview shows how white text looks on a background with the XYZ color 32.1243, 31.5034,

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

32.1243, 31.5034, 8.3906

Protanopia

28.7844, 31.6548, 8.8678

Deuteranopia

32.1243, 31.5034, 8.3906



Tritanopia

36.7574, 31.4194, 31.3214

Trichromacy



Original Color

32.1243, 31.5034, 8.3906

Protanomaly

29.8272, 31.4756, 8.6410

Deuteranomaly

32.1243, 31.5034, 8.3906

Tritanomaly

34.5180, 31.1495, 20.1127

Monochromacy



Original Color

32.1243, 31.5034, 8.3906

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.0521, 30.3333, 20.8467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1243, 31.5034, 8.3906 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(190, 145, 58)` looks like.

```
.text, #text, p{  
    color:rgb(190, 145, 58)  
}
```

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(190, 145, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 145, 58) }
```

Border

The CSS property to change the border of an element to XYZ 32.1243, 31.5034, 8.3906 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(190, 145, 58) }
```


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

```
.border{ border-color:rgb(190, 145, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 145, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 145, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 145, 58);  
box-shadow:4px 4px 4px 4px rgb(190, 145,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1243, 31.5034, 8.3906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 145, 58) }
```

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

```
.background{ background-color: rgb(190,  
145, 58) }
```

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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