

Converting Colors

XYZ(32.0932, 29.2757, 8.8019)

Have a look what the booklet for
XYZ(32.0932, 29.2757, 8.8019)
contains.

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Color

**XYZ(32.0951, 29.3002,
8.8144)**

Conversions

Conversions Part 1

Format	Color
Hex	C38740
RGB	195, 135, 64
RGB Percent	76%, 53%, 25%
CMY	0.2353, 0.4706, 0.7490
CMYK	0.00, 0.31, 0.67, 0.24
HSL	33°, 52%, 51%
HSV	33°, 67%, 76%
XYZ	32.0951, 29.3002, 8.8144
YIQ	144.8460, 58.5510, -9.3610

Conversions

Conversions Part 2

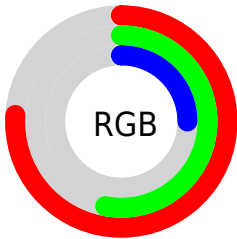
Format	Color
RYB	175, 195, 64
Decimal	12814144
CIELab	61.05, 16.09, 46.32
CIElCh	61, 49.033, 70.848
Yxy	29.3002, 0.4571, 0.4173
Android (android.graphics.Color)	4291004224 (0xFFC38740)
YUV	144.8460, -39.8571, 43.9851
Hunter-Lab	54.1297, 11.1111, 28.2361

Details

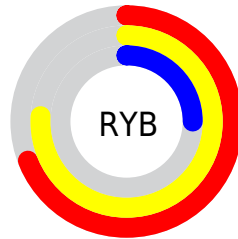
The XYZ color **32.0951, 29.3002, 8.8144** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **19.1720, 19.4446, 54.3723**, and the grayscale version is **26.9918, 28.3975, 30.9249**.

A 20% lighter version of the original color is **62.3177, 58.4642, 24.2199**, and **13.6314, 11.8419, 1.9151** is the 20% darker color. If you saturate the color by 10%, you get **30.4401, 26.7285, 5.9874**, and if you desaturate by 10%, it is **34.0499, 32.1615, 12.6988**.

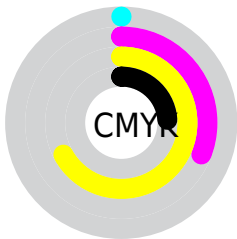
Distribution



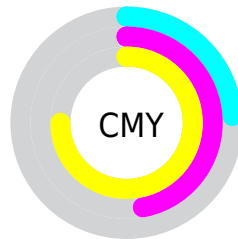
- Red (76%)
- Green (53%)
- Blue (25%)



- Red (69%)
- Yellow (76%)
- Blue (25%)



- Cyan (0%)
- Magenta (31%)
- Yellow (67%)
- Black (24%)





- Cyan (24%)
- Magenta (47%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0951, 29.3002, 8.8144 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 32.0951, 29.3002, 8.8144 by changing the saturation by 10% instead.


 32.0951, 29.3002,
8.8144


 32.0951, 29.3002,
8.8144


303.2898,
298.6288, 192.1540


 21.5900, 19.3080,
4.5252


 62.3243, 58.5537,
24.1122

 13.6709, 11.8931,
1.9176


 82.7792, 78.5838,
35.9578

 7.9723, 6.6709,
0.5039

 107.2814,
102.7287, 51.1593

 4.1289, 3.2572,
0.0000

 136.1963,
131.3728, 70.1353

 1.7753, 1.2674,
0.0000

 169.8893,
164.9005, 93.3042

 0.5027, 0.1158,
0.0000

208.7256,

 0.0000, 0.0000,

203.6961, 121.0846

0.0000

253.0707,
248.1440, 153.8950

■ 32.0951, 29.3002,
8.8144

■ 32.0951, 29.3002,
8.8144

■ 30.4401, 26.7285,
5.9874

■ 34.0499, 32.1615,
12.6988

■ 29.0592, 24.4284,
4.1034

■ 36.3233, 35.3202,
17.7355

■ 27.9208, 22.3843,
3.0070

■ 38.9343, 38.7889,
24.0108

■ 27.6281, 21.8471,
2.7607

■ 41.8998, 42.5782,
31.6020

■ 45.2354, 46.6978,
40.5802

■ 48.9556, 51.1569,
51.0111

■ 53.0741, 55.9646,
62.9566

■ 57.6040, 61.1292,
76.4745

■ 62.5574, 66.6588,
91.6199

Harmonies

Analogous

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



38.2611, 29.3002, 13.9259



32.0951, 29.3002, 8.8144



25.5912, 29.3002, 8.2646

Triad

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



32.0951, 29.3002, 8.8144



17.4058, 29.3002, 39.0246



36.7213, 29.3002, 66.7829

Complementary

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



32.0951, 29.3002, 8.8144



19.1720, 19.4446, 54.3723

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.



30.2357, 29.3002, 80.6980



32.0951, 29.3002, 8.8144



19.5212, 29.3002, 61.0370

Square

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



32.0951, 29.3002, 8.8144



17.7459, 29.3002, 21.6597



23.9949, 29.3002, 78.2650



41.2026, 29.3002, 44.9533

Rectangle

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



32.0951, 29.3002, 8.8144



21.9905, 29.3002, 10.1691



23.9949, 29.3002, 78.2650



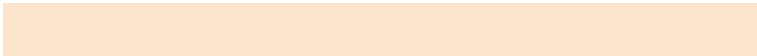
34.6652, 29.3002, 72.8600

Sweetspot

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



32.0958, 29.3017, 8.8150



79.0737, 81.2614, 67.3697



28.0494, 16.7532, 21.2024



16.9395, 17.3307, 13.7372



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.0958, 29.3017, 8.8150



53.2046, 45.7202, 8.8133



41.8342, 50.4291, 12.3797



10.5153, 10.9621, 10.6235



18.0418, 14.3693, 1.8227



0.8478, 0.7574, 0.1015

Inverse Universe

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



19.1720, 19.4446, 54.3723



28.4753, 26.9162, 96.1643



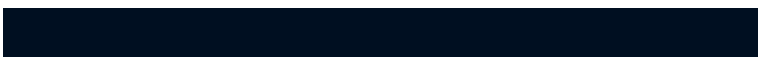
14.0935, 8.8494, 52.5949



9.8998, 10.4910, 12.7880



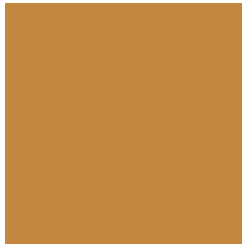
8.8227, 7.4018, 34.5203



0.4500, 0.4575, 1.5145

Previews

White Background



This preview shows how the XYZ color 32.0951, 29.3002, 8.8144 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0951, 29.3002, 8.8144 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 × Fail

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

XYZ 32.0951, 29.3002, 8.8144

Background



This preview shows how black text looks on a background with the XYZ color 32.0951, 29.3002, 8.8144.



This preview shows how white text looks on a background with the XYZ color 32.0951, 29.3002,

8.8144.

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

32.0951, 29.3002, 8.8144

Protanopia

26.9431, 29.4897, 9.7409

Deuteranopia

29.8037, 29.1823, 8.7646



Tritanopia

35.9241, 29.2642, 27.4221

Trichromacy



Original Color

32.0951, 29.3002, 8.8144

Protanomaly

28.5148, 29.1641, 9.4365

Deuteranomaly

30.4792, 29.1006, 8.7132

Tritanomaly

34.0858, 29.0968, 18.5716

Monochromacy



Original Color

32.0951, 29.3002, 8.8144

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.7815, 28.0972, 20.4821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0951, 29.3002, 8.8144 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(195, 135, 64)` looks like.

```
.text, #text, p{  
    color:rgb(195, 135, 64)  
}
```

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(195, 135, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 135, 64) }
```

Border

The CSS property to change the border of an element to XYZ 32.0951, 29.3002, 8.8144 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(195, 135, 64) }
```


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

```
.border{ border-color:rgb(195, 135, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 135, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 135, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 135, 64);  
box-shadow:4px 4px 4px 4px rgb(195, 135,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0951, 29.3002, 8.8144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 135, 64) }
```

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

```
.background{ background-color: rgb(195,  
135, 64) }
```

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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