

Converting Colors

XYZ(32.1529, 28.2105, 11.8416)

Have a look what the booklet for
XYZ(32.1529, 28.2105, 11.8416)
contains.

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Color

**XYZ(32.3089, 28.3256,
11.9481)**

Conversions

Conversions Part 1

Format	Color
Hex	C48253
RGB	196, 130, 83
RGB Percent	77%, 51%, 33%
CMY	0.2314, 0.4902, 0.6745
CMYK	0.00, 0.34, 0.58, 0.23
HSL	25°, 49%, 55%
HSV	25°, 58%, 77%
XYZ	32.3089, 28.3256, 11.9481
YIQ	144.3760, 54.4230, -0.6250

Conversions

Conversions Part 2

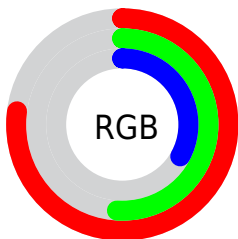
Format	Color
R_{YB}	196, 163, 83
Decimal	12878419
CIE _{Lab}	60.18, 20.58, 35.60
CIE _{LCh}	60, 41.119, 59.964
Yxy	28.3256, 0.4451, 0.3903
Android (android.graphics.Color)	4291068499 (0xFFC48253)
YUV	144.3760, -30.2584, 45.2742
Hunter-Lab	53.2218, 15.2223, 23.9449

Details

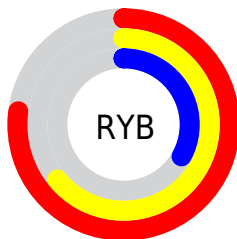
The XYZ color **32.3089, 28.3256, 11.9481** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **24.2778, 27.3179, 56.2175**, and the grayscale version is **26.7646, 28.1584, 30.6645**.

A 20% lighter version of the original color is **62.4071, 56.8204, 29.8685**, and **13.8346, 11.3537, 3.1314** is the 20% darker color. If you saturate the color by 10%, you get **30.2177, 25.1880, 8.0308**, and if you desaturate by 10%, it is **34.7848, 31.8905, 17.0494**.

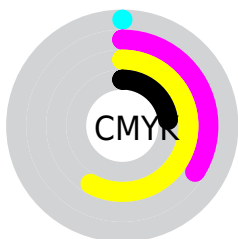
Distribution



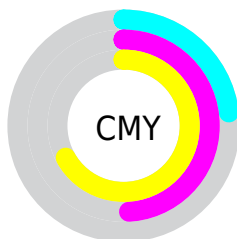
- Red (77%)
- Green (51%)
- Blue (33%)



- Red (77%)
- Yellow (64%)
- Blue (33%)



- Cyan (0%)
- Magenta (34%)
- Yellow (58%)
- Black (23%)





- Cyan (23%)
- Magenta (49%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3089, 28.3256, 11.9481 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 32.3089, 28.3256, 11.9481 by changing the saturation by 10% instead.


 32.3089, 28.3256,
11.9481


 32.3089, 28.3256,
11.9481


304.2443,
294.0195, 215.0271

 21.7542, 18.5712,
6.5862


 62.6570, 57.0039,
30.0635


 13.7920, 11.3609,
3.1302

 83.1811, 76.6966,
43.6542


 8.0569, 6.3101,
1.1615


 107.7591,
100.4708, 60.8248

 4.1835, 3.0346,
0.0000

 136.7563,
128.7110, 81.9940

 1.8065, 1.1498,
0.0000

 170.5380,
161.8016, 107.5803

 0.5216, 0.0201,
0.0000

209.4697,

 0.0000, 0.0000,

200.1270, 138.0022

0.0000

253.9167,
244.0715, 173.6783

■ 32.3089, 28.3256,
11.9481

■ 32.3089, 28.3256,
11.9481

■ 30.2177, 25.1880,
8.0308

■ 34.7848, 31.8905,
17.0494

■ 28.4851, 22.4548,
5.1962

■ 37.6649, 35.8954,
23.4211

■ 27.0842, 20.1072,
3.3288

■ 40.9699, 40.3577,
31.1435

■ 25.9773, 18.1204,
2.2606

■ 44.7181, 45.2927,
40.2894

■ 25.7468, 17.6998,
2.0594

■ 48.9267, 50.7145,
50.9268

■ 53.6120, 56.6369,
63.1189

■ 58.7893, 63.0729,
76.9255

■ 64.4734, 70.0351,
92.4031

■ 69.9615, 77.2490,
105.8309

Harmonies

Analogous

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



36.6695, 28.3256, 18.5189



32.3089, 28.3256, 11.9481



26.9289, 28.3256, 9.9980

Triad

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



32.3089, 28.3256, 11.9481



18.0224, 28.3256, 30.8238



32.2966, 28.3256, 63.3561

Complementary

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



32.3089, 28.3256, 11.9481



24.2778, 27.3179, 56.2175

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.



26.9163, 28.3256, 69.8207



32.3089, 28.3256, 11.9481



19.0768, 28.3256, 47.6886

Square

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



32.3089, 28.3256, 11.9481



19.0818, 28.3256, 18.4967



22.1710, 28.3256, 63.3270



36.6617, 28.3256, 47.7304

Rectangle

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



32.3089, 28.3256, 11.9481



23.6150, 28.3256, 10.8421



22.1710, 28.3256, 63.3270



30.5256, 28.3256, 66.8624

Sweetspot

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



32.3096, 28.3270, 11.9486



81.2881, 82.4129, 73.6791



31.4279, 20.1503, 31.4261



17.0867, 17.2327, 14.9960



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.



32.3096, 28.3270, 11.9486



53.9205, 44.3600, 13.1271



41.6124, 46.9326, 15.0496



10.4097, 10.7509, 10.5883



16.6243, 11.5344, 1.3502



0.7862, 0.6343, 0.0810

Inverse Universe

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



24.2778, 27.3179, 56.2175



37.9675, 42.2622, 100.7641



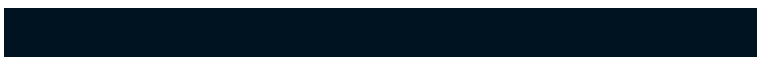
17.5607, 13.8836, 53.9785



10.0060, 10.7033, 12.8234



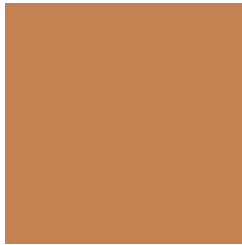
10.3892, 10.5350, 35.0425



0.5156, 0.5887, 1.5363

Previews

White Background



This preview shows how the XYZ color 32.3089, 28.3256, 11.9481 looks on a white background.

Color Contrast Check

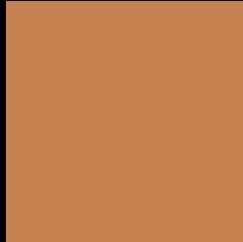
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3089, 28.3256, 11.9481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

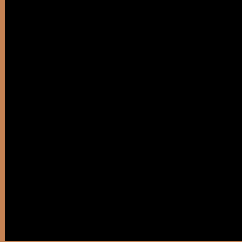
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.3089, 28.3256, 11.9481

Background



This preview shows how black text looks on a background with the XYZ color 32.3089, 28.3256, 11.9481.



This preview shows how white text looks on a background with the XYZ color 32.3089, 28.3256,

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

32.3089, 28.3256, 11.9481

Protanopia

26.2266, 28.3430, 13.5396

Deuteranopia

29.0779, 28.5243, 11.7577



Tritanopia

35.2607, 28.3881, 25.8113

Trichromacy



Original Color

32.3089, 28.3256, 11.9481

Protanomaly

28.1116, 28.2149, 12.9812

Deuteranomaly

30.3347, 28.5318, 11.8910

Tritanomaly

34.1086, 28.3016, 19.8847

Monochromacy



Original Color

32.3089, 28.3256, 11.9481

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.8497, 27.6569, 22.2828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3089, 28.3256, 11.9481 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(196, 130, 83)` looks like.

```
.text, #text, p{  
    color:rgb(196, 130, 83)  
}
```

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(196, 130, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 130, 83) }
```

Border

The CSS property to change the border of an element to XYZ 32.3089, 28.3256, 11.9481 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(196, 130, 83) }
```


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

```
.border{ border-color:rgb(196, 130, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 130, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 130, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 130, 83);  
box-shadow:4px 4px 4px 4px rgb(196, 130,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3089, 28.3256, 11.9481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 130, 83) }
```

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

```
.background{ background-color: rgb(196,  
130, 83) }
```

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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