

Converting Colors

XYZ(29.0902, 27.2847, 11.1304)

Have a look what the booklet for
XYZ(29.0902, 27.2847, 11.1304)
contains.

XYZ(29.0902, 27.2847, 11.1304)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.0902, 27.2847,
11.1304)**

Conversions

Conversions Part 1

Format	Color
Hex	B6854F
RGB	182, 133, 79
RGB Percent	71%, 52%, 31%
CMY	0.2863, 0.4784, 0.6902
CMYK	0.00, 0.27, 0.57, 0.29
HSL	31°, 41%, 51%
HSV	31°, 57%, 71%
XYZ	29.0902, 27.2847, 11.1304
YIQ	141.4950, 46.5380, -6.4060

Conversions

Conversions Part 2

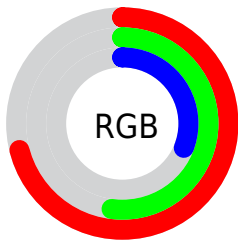
Format	Color
R_{YB}	172, 182, 79
Decimal	11961679
CIE Lab	59.24, 12.66, 36.20
CIE LCh	59, 38.353, 70.728
Yxy	27.2847, 0.4309, 0.4042
Android (android.graphics.Color)	4290151759 (0xFFB6854F)
YUV	141.4950, -30.8100, 35.5229
Hunter-Lab	52.2348, 7.9981, 23.9306

Details

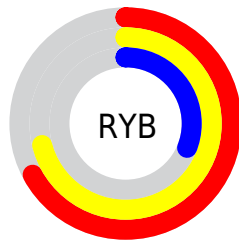
The XYZ color **29.0902, 27.2847, 11.1304** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.3867, 20.4770, 47.1863**, and the grayscale version is **25.6172, 26.9513, 29.3500**.

A 20% lighter version of the original color is **57.4565, 55.2281, 28.4007**, and **11.9582, 10.7264, 2.8066** is the 20% darker color. If you saturate the color by 10%, you get **27.3796, 24.7824, 7.7274**, and if you desaturate by 10%, it is **31.0812, 30.0576, 15.5221**.

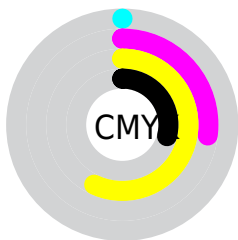
Distribution



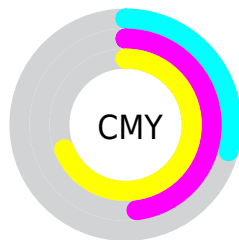
- Red (71%)
- Green (52%)
- Blue (31%)



- Red (67%)
- Yellow (71%)
- Blue (31%)



- Cyan (0%)
- Magenta (27%)
- Yellow (57%)
- Black (29%)





- Cyan (29%)
- Magenta (48%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0902, 27.2847, 11.1304 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 29.0902, 27.2847, 11.1304 by changing the saturation by 10% instead.


 29.0902, 27.2847,
11.1304


 29.0902, 27.2847,
11.1304


289.6268,
289.0330, 209.3294


 19.2937, 17.7872,
6.0393


 57.6169, 55.3404,
28.5414


 11.9879, 10.7973,
2.7998


 77.0779, 74.6673,
41.6984


 6.8076, 5.9307,
0.9934


 100.4910, 98.0395,
58.3811

 3.3873, 2.8030,
0.0000

 128.2217,
125.8413, 79.0081

 1.3617, 1.0298,
0.0000

 160.6352,
158.4572, 103.9979

 0.2287, 0.0000,
0.0000

198.0970,

 0.0000, 0.0000,

196.2715, 133.7690

0.0000

240.9725,
239.6686, 168.7400

■ 29.0902, 27.2847,
11.1304

■ 29.0902, 27.2847,
11.1304

■ 27.3796, 24.7824,
7.7274

■ 31.0812, 30.0576,
15.5221

■ 25.9298, 22.5361,
5.2306

■ 33.3664, 33.1070,
20.9728

■ 24.7215, 20.5349,
3.5469

■ 35.9608, 36.4436,
27.5478

■ 23.7282, 18.7644,
2.5494

■ 38.8778, 40.0761,
35.3069

■ 23.4219, 18.2063,
2.2797

■ 42.1298, 44.0127,
44.3057

■ 45.7285, 48.2614,
54.5960

■ 49.6851, 52.8296,
66.2269

■ 54.0101, 57.7247,
79.2446

■ 58.7137, 62.9537,
93.6934

Harmonies

Analogous

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



33.5496, 27.2847, 15.6186



29.0902, 27.2847, 11.1304



24.2580, 27.2847, 10.6107

Triad

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



29.0902, 27.2847, 11.1304



17.9028, 27.2847, 34.8885



32.4119, 27.2847, 54.4862

Complementary

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



29.0902, 27.2847, 11.1304



19.3867, 20.4770, 47.1863

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.



27.6840, 27.2847, 63.8484



29.0902, 27.2847, 11.1304



19.5668, 27.2847, 50.4318

Square

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



29.0902, 27.2847, 11.1304



18.1814, 27.2847, 21.8323



23.0135, 27.2847, 62.1712



35.6245, 27.2847, 39.2820

Rectangle

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



29.0902, 27.2847, 11.1304



21.5103, 27.2847, 12.3261



23.0135, 27.2847, 62.1712



30.9245, 27.2847, 58.6046

Sweetspot

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



29.0909, 27.2860, 11.1309



70.0986, 72.1826, 62.9620



26.0355, 17.1165, 22.6252



15.2407, 15.6445, 13.2538



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.0909, 27.2860, 11.1309



48.9231, 43.8452, 12.7015



37.0275, 43.7575, 13.8919



9.3838, 9.7705, 9.4982



16.6074, 12.9912, 1.6322



0.6470, 0.5810, 0.0780

Inverse Universe

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



19.3867, 20.4770, 47.1863



29.6050, 30.3060, 84.5250



14.6088, 10.7065, 45.5522



8.8640, 9.4052, 11.4276



8.4110, 7.2816, 32.2153



0.3585, 0.3808, 1.1563

Previews

White Background



This preview shows how the XYZ color 29.0902, 27.2847, 11.1304 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 29.0902, 27.2847, 11.1304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

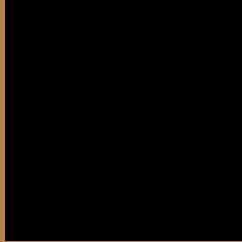
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0902, 27.2847, 11.1304

Background



This preview shows how black text looks on a background with the XYZ color 29.0902, 27.2847, 11.1304.



This preview shows how white text looks on a background with the XYZ color 29.0902, 27.2847,

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

29.0902, 27.2847, 11.1304

Protanopia

25.2884, 27.4376, 12.1467

Deuteranopia

27.8585, 27.2723, 11.0035



Tritanopia

32.3983, 27.2641, 26.8475

Trichromacy



Original Color

29.0902, 27.2847, 11.1304

Protanomaly

26.4815, 27.1814, 11.8335

Deuteranomaly

28.3992, 27.3430, 10.9886

Tritanomaly

30.9524, 27.2526, 19.8486

Monochromacy



Original Color

29.0902, 27.2847, 11.1304

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0688, 26.5529, 20.8908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0902, 27.2847, 11.1304 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(182, 133, 79)` looks like.

```
.text, #text, p{  
    color:rgb(182, 133, 79)  
}
```

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(182, 133, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 133, 79) }
```

Border

The CSS property to change the border of an element to XYZ 29.0902, 27.2847, 11.1304 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(182, 133, 79) }
```


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

```
.border{ border-color:rgb(182, 133, 79) }
```

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

Here you see how a box with a 4 pixel rgb(182, 133, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 133, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 133, 79);  
box-shadow:4px 4px 4px 4px rgb(182, 133,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0902, 27.2847, 11.1304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 133, 79) }
```

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

```
.background{ background-color: rgb(182,  
133, 79) }
```

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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