

Converting Colors

XYZ(29.6190, 25.2589, 9.1347)

Have a look what the booklet for
XYZ(29.6190, 25.2589, 9.1347)
contains.

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Color

**XYZ(29.6811, 25.3234,
9.1179)**

Conversions

Conversions Part 1

Format	Color
Hex	C07946
RGB	192, 121, 70
RGB Percent	75%, 47%, 27%
CMY	0.2471, 0.5255, 0.7255
CMYK	0.00, 0.37, 0.64, 0.25
HSL	25°, 49%, 51%
HSV	25°, 64%, 75%
XYZ	29.6811, 25.3234, 9.1179
YIQ	136.4150, 58.6870, -0.8090

Conversions

Conversions Part 2

Format	Color
R_{YB}	192, 158, 70
Decimal	12613958
CIE Lab	57.39, 22.89, 39.03
CIE LCh	57, 45.249, 59.612
Yxy	25.3234, 0.4629, 0.3949
Android (android.graphics.Color)	4290804038 (0xFFC07946)
YUV	136.4150, -32.7426, 48.7480
Hunter-Lab	50.3224, 17.2186, 24.4829

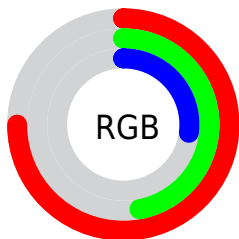
Details

The XYZ color **29.6811, 25.3234, 9.1179** is a dark color, and the websafe version is hex **996633**.

The color can be described as dark muted orange. A complement of this color would be **21.5645, 24.1564, 53.3950**, and the grayscale version is **23.6618, 24.8941, 27.1096**.

A 20% lighter version of the original color is **58.6711, 52.3236, 24.7765**, and **12.3035, 9.7649, 2.0470** is the 20% darker color. If you saturate the color by 10%, you get **27.8892, 22.5594, 5.9936**, and if you desaturate by 10%, it is **31.8253, 28.4820, 13.3158**.

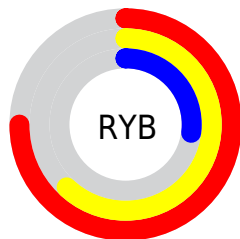
Distribution



Red (75%)

Green (47%)

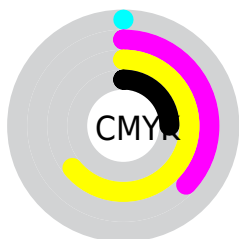
Blue (27%)



Red (75%)

Yellow (62%)

Blue (27%)

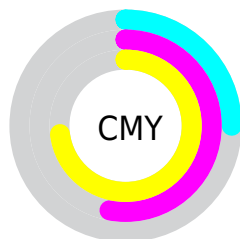


Cyan (0%)

Magenta (37%)

Yellow (64%)

Black (25%)



Cyan (25%)


Magenta (53%)


Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6811, 25.3234, 9.1179 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 29.6811, 25.3234, 9.1179 by changing the saturation by 10% instead.


 29.6811, 25.3234,
9.1179


 29.6811, 25.3234,
9.1179


292.3517,
279.4447, 194.5053

 19.7435, 16.3182,
4.7203


 58.5476, 52.1814,
24.7039

 12.3159, 9.7496,
2.0283


 78.2072, 70.8029,
36.7294

 7.0329, 5.2332,
0.5726


 101.8382, 93.3987,
52.1346

 3.5292, 2.3848,
0.0000

 129.8060,
120.3531, 71.3381

 1.4394, 0.8180,
0.0000

 162.4759,
152.0505, 94.7584

 0.2840, 0.0000,
0.0000

200.2132,

 0.0000, 0.0000,

188.8753, 122.8140

0.0000

243.3834,
231.2119, 155.9234

■ 29.6811, 25.3234,
9.1179

■ 29.6811, 25.3234,
9.1179

■ 27.8892, 22.5594,
5.9936

■ 31.8253, 28.4820,
13.3158

■ 26.4231, 20.1678,
3.8384

■ 34.3416, 32.0483,
18.6756

■ 25.2547, 18.1294,
2.5291

■ 37.2506, 36.0392,
25.2777

■ 24.6266, 16.9833,
1.9801

■ 40.5703, 40.4693,
33.1952

■ 44.3178, 45.3528,
42.4952

■ 48.5089, 50.7027,
53.2404

■ 53.1587, 56.5319,
65.4894

■ 58.2815, 62.8524,
79.2978

■ 63.8910, 69.6759,
94.7181

Harmonies

Analogous

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



34.2119, 25.3234, 15.3868



29.6811, 25.3234, 9.1179



24.1391, 25.3234, 7.3097

Triad

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



29.6811, 25.3234, 9.1179



15.1475, 25.3234, 27.3732



29.5421, 25.3234, 62.1142

Complementary

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



29.6811, 25.3234, 9.1179



21.5645, 24.1564, 53.3950

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.



23.9993, 25.3234, 68.9918



29.6811, 25.3234, 9.1179



16.1598, 25.3234, 44.9246

Square

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



29.6811, 25.3234, 9.1179



16.2135, 25.3234, 15.1531



19.2133, 25.3234, 61.7709



34.1236, 25.3234, 45.4063

Rectangle

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



29.6811, 25.3234, 9.1179



20.7660, 25.3234, 8.0407



19.2133, 25.3234, 61.7709



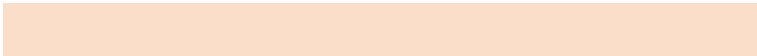
27.7052, 25.3234, 65.8781

Sweetspot

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



29.6817, 25.3247, 9.1184



76.2918, 76.9755, 66.9743



28.7485, 17.5150, 27.1301



15.9577, 15.9775, 13.3604



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.



29.6817, 25.3247, 9.1184



49.4909, 39.2063, 9.2308



39.5374, 45.0362, 12.4036



10.4115, 10.7543, 10.5889



16.6444, 11.5745, 1.3568



0.7872, 0.6361, 0.0813

Inverse Universe

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



21.5645, 24.1564, 53.3950



33.5700, 36.7924, 95.6926



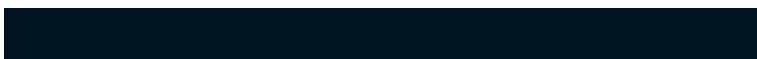
14.9213, 10.8699, 51.1806



10.0042, 10.6998, 12.8228



10.3594, 10.4753, 35.0326



0.5144, 0.5863, 1.5359

Previews

White Background



This preview shows how the XYZ color 29.6811, 25.3234, 9.1179 looks on a white background.

Color Contrast Check

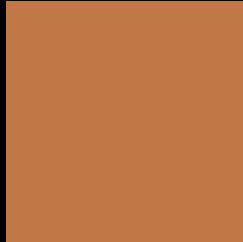
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6811, 25.3234, 9.1179 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 29.6811, 25.3234, 9.1179

Background



This preview shows how black text looks on a background with the XYZ color 29.6811, 25.3234, 9.1179.



This preview shows how white text looks on a background with the XYZ color 29.6811, 25.3234,

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

29.6811, 25.3234, 9.1179

Protanopia

23.3419, 25.3742, 10.5049

Deuteranopia

25.8722, 25.4659, 9.0206



Tritanopia

32.4708, 25.4273, 21.9354

Trichromacy



Original Color

29.6811, 25.3234, 9.1179

Protanomaly

25.4236, 25.2124, 10.0051

Deuteranomaly

27.1534, 25.3330, 9.0888

Tritanomaly

31.3657, 25.3242, 16.3316

Monochromacy



Original Color

29.6811, 25.3234, 9.1179

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.7512, 24.4704, 18.7480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6811, 25.3234, 9.1179 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, 121, 70)` looks like.

```
.text, #text, p{  
    color:rgb(192, 121, 70)  
}
```

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, 121, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 121, 70) }
```

Border

The CSS property to change the border of an element to XYZ 29.6811, 25.3234, 9.1179 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, 121, 70) }
```


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

```
.border{ border-color:rgb(192, 121, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 121, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 121, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 121, 70);  
box-shadow:4px 4px 4px 4px rgb(192, 121,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6811, 25.3234, 9.1179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 121, 70) }
```

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

```
.background{ background-color: rgb(192,  
121, 70) }
```

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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