

Converting Colors

XYZ(30.6616, 27.1756, 10.1295)

Have a look what the booklet for
XYZ(30.6616, 27.1756, 10.1295)
contains.

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Color

**XYZ(30.6934, 27.1392,
10.0992)**

Conversions

Conversions Part 1

Format	Color
Hex	C0804A
RGB	192, 128, 74
RGB Percent	75%, 50%, 29%
CMY	0.2471, 0.4980, 0.7098
CMYK	0.00, 0.33, 0.61, 0.25
HSL	27°, 48%, 52%
HSV	27°, 61%, 75%
XYZ	30.6934, 27.1392, 10.0992
YIQ	140.9800, 55.4780, -3.2260

Conversions

Conversions Part 2

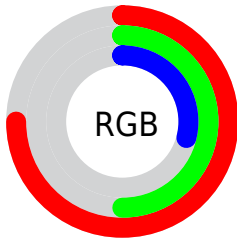
Format	Color
RYB	192, 174, 74
Decimal	12615754
CIELab	59.10, 19.32, 38.96
CIElCh	59, 43.481, 63.626
Yxy	27.1392, 0.4518, 0.3995
Android (android.graphics.Color)	4290805834 (0xFFC0804A)
YUV	140.9800, -33.0211, 44.7445
Hunter-Lab	52.0953, 14.0015, 24.9727

Details

The XYZ color **30.6934, 27.1392, 10.0992** 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 **21.4264, 23.4373, 53.2634**, and the grayscale version is **25.4204, 26.7442, 29.1244**.

A 20% lighter version of the original color is **60.3068, 55.1984, 26.5446**, and **12.9741, 10.8174, 2.3814** is the 20% darker color. If you saturate the color by 10%, you get **28.8535, 24.3414, 6.7672**, and if you desaturate by 10%, it is **32.8714, 30.2974, 14.5182**.

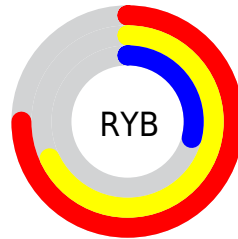
Distribution



Red (75%)

Green (50%)

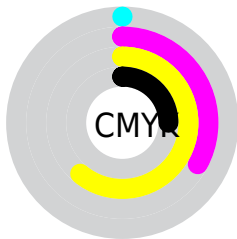
Blue (29%)



Red (75%)

Yellow (68%)

Blue (29%)

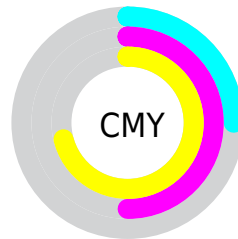


Cyan (0%)

Magenta (33%)

Yellow (61%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6934, 27.1392, 10.0992 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 30.6934, 27.1392, 10.0992 by changing the saturation by 10% instead.


 30.6934, 27.1392,
10.0992


 30.6934, 27.1392,
10.0992


296.9755,
288.3305, 201.8891


 20.5162, 17.6778,
5.3583


 60.1362, 55.1072,
26.5926


 12.8812, 10.7189,
2.3966


 80.1324, 74.3825,
39.1823

 7.4233, 5.8782,
0.7846


 104.1324, 97.6979,
55.2253

 3.7769, 2.7711,
0.0000

 132.5014,
125.4379, 75.1401

 1.5767, 1.0134,
0.0000

 165.6049,
157.9867, 99.3454

 0.3771, 0.0000,
0.0000

203.8082,

 0.0000, 0.0000,

195.7288, 128.2596

0.0000

247.4766,
239.0486, 162.3013

■ 30.6934, 27.1392,
10.0992

■ 30.6934, 27.1392,
10.0992

■ 28.8535, 24.3414,
6.7672

■ 32.8714, 30.2974,
14.5182

■ 27.3269, 21.8843,
4.4211

■ 35.4058, 33.8266,
20.1097

■ 26.0879, 19.7514,
2.9435

■ 38.3158, 37.7416,
26.9524

■ 25.2173, 18.1648,
2.1771

■ 41.6183, 42.0551,
35.1175

■ 45.3291, 46.7791,
44.6710

■ 49.4632, 51.9252,
55.6742

■ 54.0348, 57.5044,
68.1851

■ 59.0570, 63.5271,
82.2580

■ 64.5429, 70.0035,
97.9450

Harmonies

Analogous

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



35.4540, 27.1392, 15.9408



30.6934, 27.1392, 10.0992



25.1433, 27.1392, 8.6853

Triad

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



30.6934, 27.1392, 10.0992



16.7501, 27.1392, 31.4727



31.9896, 27.1392, 61.9135

Complementary

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



30.6934, 27.1392, 10.0992



21.4264, 23.4373, 53.2634

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.



26.4579, 27.1392, 70.3264



30.6934, 27.1392, 10.0992



18.0720, 27.1392, 49.2897

Square

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



30.6934, 27.1392, 10.0992



17.5584, 27.1392, 18.2006



21.4476, 27.1392, 65.0472



36.2727, 27.1392, 44.8446

Rectangle

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



30.6934, 27.1392, 10.0992



21.8497, 27.1392, 9.8071



21.4476, 27.1392, 65.0472



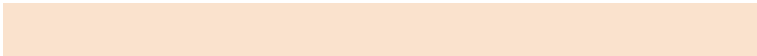
30.1888, 27.1392, 66.0737

Sweetspot

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



30.6940, 27.1406, 10.0997



77.4600, 78.8331, 68.8395



28.8399, 17.9653, 26.3356



16.2098, 16.3888, 13.7313



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.



30.6940, 27.1406, 10.0997



51.1859, 42.3749, 10.4785



40.5541, 46.8606, 13.3864



10.4445, 10.8203, 10.5999



17.0446, 12.3750, 1.4903



0.8053, 0.6723, 0.0873

Inverse Universe

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



21.4264, 23.4373, 53.2634



32.9209, 35.0249, 95.3856



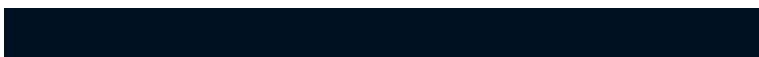
15.2000, 10.9845, 51.1880



9.9707, 10.6327, 12.8116



9.8206, 9.3976, 34.8529



0.4926, 0.5426, 1.5286

Previews

White Background



This preview shows how the XYZ color 30.6934, 27.1392, 10.0992 looks on a white background.

Color Contrast Check

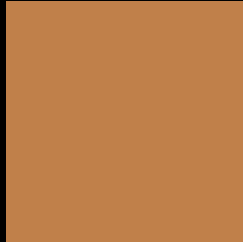
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6934, 27.1392, 10.0992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

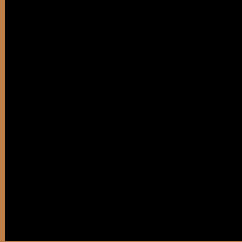
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6934, 27.1392, 10.0992

Background



This preview shows how black text looks on a background with the XYZ color 30.6934, 27.1392, 10.0992.



This preview shows how white text looks on a background with the XYZ color 30.6934, 27.1392,

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

30.6934, 27.1392, 10.0992

Protanopia

25.1384, 27.3775, 11.3566

Deuteranopia

27.6531, 27.1902, 9.9216



Tritanopia

33.6316, 27.0222, 24.5623

Trichromacy



Original Color

30.6934, 27.1392, 10.0992

Protanomaly

27.0056, 27.2588, 10.8593

Deuteranomaly

28.6462, 27.0799, 10.0204

Tritanomaly

32.5278, 27.1432, 18.2766

Monochromacy



Original Color

30.6934, 27.1392, 10.0992

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.5122, 26.3663, 20.5215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6934, 27.1392, 10.0992 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, 128, 74)` looks like.

```
.text, #text, p{  
    color:rgb(192, 128, 74)  
}
```

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, 128, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 128, 74) }
```

Border

The CSS property to change the border of an element to XYZ 30.6934, 27.1392, 10.0992 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, 128, 74) }
```


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

```
.border{ border-color:rgb(192, 128, 74) }
```

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

Here you see how a box with a 4 pixel rgb(192, 128, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 128, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 128, 74);  
box-shadow:4px 4px 4px 4px rgb(192, 128,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6934, 27.1392, 10.0992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 128, 74) }
```

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

```
.background{ background-color: rgb(192,  
128, 74) }
```

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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