

Converting Colors

XYZ(31.5430, 27.3600, 11.2079)

Have a look what the booklet for
XYZ(31.5430, 27.3600, 11.2079)
contains.

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Color

**XYZ(31.5430, 27.3600,
11.2079)**

Conversions

Conversions Part 1

Format	Color
Hex	C37F50
RGB	195, 127, 80
RGB Percent	76%, 50%, 31%
CMY	0.2353, 0.5019, 0.6863
CMYK	0.00, 0.35, 0.59, 0.24
HSL	25°, 49%, 54%
HSV	25°, 59%, 76%
XYZ	31.5430, 27.3600, 11.2079
YIQ	141.9740, 55.6150, -0.2010

Conversions

Conversions Part 2

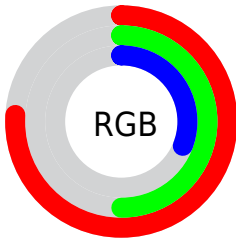
Format	Color
R_{YB}	195, 159, 80
Decimal	12812112
CIE _{Lab}	59.31, 21.58, 36.11
CIE _{LCh}	59, 42.062, 59.138
Yxy	27.3600, 0.4499, 0.3902
Android (android.graphics.Color)	4291002192 (0xFFC37F50)
YUV	141.9740, -30.5532, 46.5038
Hunter-Lab	52.3068, 16.1055, 23.9105

Details

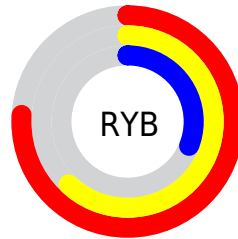
The XYZ color **31.5430, 27.3600, 11.2079** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **23.7479, 26.8241, 55.5554**, and the grayscale version is **25.8031, 27.1469, 29.5630**.

A 20% lighter version of the original color is **61.5905, 55.5142, 28.5882**, and **13.4096, 10.8208, 2.8207** is the 20% darker color. If you saturate the color by 10%, you get **29.5196, 24.3039, 7.4800**, and if you desaturate by 10%, it is **33.9472, 30.8434, 16.0946**.

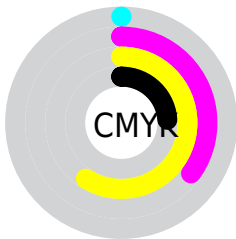
Distribution



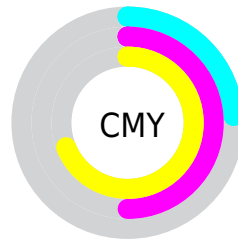
- Red (76%)
- Green (50%)
- Blue (31%)



- Red (76%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (35%)
- Yellow (59%)
- Black (24%)





- Cyan (24%)
- Magenta (50%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5430, 27.3600, 11.2079 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 31.5430, 27.3600, 11.2079 by changing the saturation by 10% instead.


 31.5430, 27.3600,
11.2079


 31.5430, 27.3600,
11.2079


300.8146,
289.3960, 209.8767


 21.1665, 17.8438,
6.0909


 61.4640, 55.4610,
28.6865

 13.3589, 10.8379,
2.8308


 81.7393, 74.8146,
41.8852


 7.7549, 5.9579,
1.0089


 106.0448, 98.2161,
58.6148

 3.9890, 2.8195,
0.0000

 134.7460,
126.0499, 79.2940

 1.6959, 1.0382,
0.0000

 168.2083,
158.7004, 104.3412

 0.4537, 0.0000,
0.0000

206.7969,

 0.0000, 0.0000,

196.5520, 134.1751

0.0000

250.8772,
239.9890, 169.2141

■ 31.5430, 27.3600,
11.2079

■ 31.5430, 27.3600,
11.2079

■ 29.5196, 24.3039,
7.4800

■ 33.9472, 30.8434,
16.0946

■ 27.8507, 21.6519,
4.8093

■ 36.7521, 34.7673,
22.2269

■ 26.5090, 19.3847,
3.0785

■ 39.9784, 39.1495,
29.6850

■ 25.4506, 17.4745,
2.0890

■ 43.6445, 44.0053,
38.5418

■ 25.3526, 17.2960,
2.0022

■ 47.7680, 49.3495,
48.8651

■ 52.3650, 55.1958,
60.7179

■ 57.4510, 61.5576,
74.1597

■ 63.0408, 68.4478,
89.2468

■ 69.0677, 75.8462,
105.6073

Harmonies

Analogous

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



35.8720, 27.3600, 17.7996



31.5430, 27.3600, 11.2079



26.1572, 27.3600, 9.2058

Triad

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



31.5430, 27.3600, 11.2079



17.1497, 27.3600, 29.3572



31.2445, 27.3600, 62.9096

Complementary

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



31.5430, 27.3600, 11.2079



23.7479, 26.8241, 55.5554

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.



25.8532, 27.3600, 69.1298



31.5430, 27.3600, 11.2079



18.1365, 27.3600, 46.2289

Square

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



31.5430, 27.3600, 11.2079



18.2563, 27.3600, 17.2700



21.1561, 27.3600, 62.1958



35.6840, 27.3600, 47.2469

Rectangle

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



31.5430, 27.3600, 11.2079



22.8293, 27.3600, 9.9552



21.1561, 27.3600, 62.1958



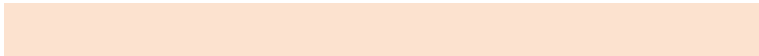
29.4621, 27.3600, 66.3682

Sweetspot

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



31.5437, 27.3614, 11.2084



78.6546, 79.4509, 70.2273



30.7992, 19.5095, 30.5763



16.7759, 16.8104, 14.2780



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.



31.5437, 27.3614, 11.2084



51.8695, 41.9671, 11.7066



40.9903, 46.2548, 14.3573



10.4037, 10.7388, 10.5863



16.5561, 11.3980, 1.3274



0.7831, 0.6279, 0.0799

Inverse Universe

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



23.7479, 26.8241, 55.5554



36.5636, 40.7973, 98.4173



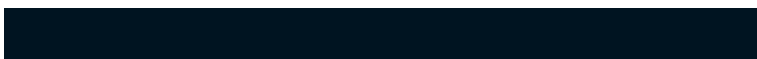
16.9427, 13.2138, 53.2871



10.0122, 10.7156, 12.8255



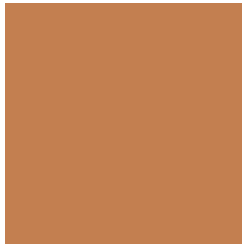
10.4932, 10.7429, 35.0771



0.5198, 0.5970, 1.5377

Previews

White Background



This preview shows how the XYZ color 31.5430, 27.3600, 11.2079 looks on a white background.

Color Contrast Check

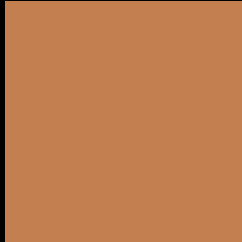
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5430, 27.3600, 11.2079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

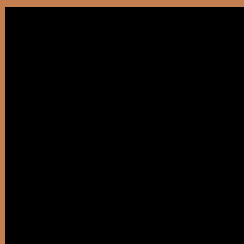
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.5430, 27.3600, 11.2079

Background



This preview shows how black text looks on a background with the XYZ color 31.5430, 27.3600, 11.2079.



This preview shows how white text looks on a background with the XYZ color 31.5430, 27.3600,

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

31.5430, 27.3600, 11.2079

Protanopia

25.4068, 27.4849, 12.7701

Deuteranopia

27.8585, 27.2723, 11.0035



Tritanopia

34.4198, 27.4286, 24.5992

Trichromacy



Original Color

31.5430, 27.3600, 11.2079

Protanomaly

27.3405, 27.1893, 12.1946

Deuteranomaly

29.0902, 27.2847, 11.1304

Tritanomaly

33.2963, 27.3415, 18.8518

Monochromacy



Original Color

31.5430, 27.3600, 11.2079

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.9734, 26.8003, 21.2041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5430, 27.3600, 11.2079 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, 127, 80)` looks like.

```
.text, #text, p{  
    color:rgb(195, 127, 80)  
}
```

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, 127, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 127, 80) }
```

Border

The CSS property to change the border of an element to XYZ 31.5430, 27.3600, 11.2079 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, 127, 80) }
```


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

```
.border{ border-color:rgb(195, 127, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 127, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 127, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 127, 80);  
box-shadow:4px 4px 4px 4px rgb(195, 127,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5430, 27.3600, 11.2079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 127, 80) }
```

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

```
.background{ background-color: rgb(195,  
127, 80) }
```

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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