

Converting Colors

XYZ(30.0986, 26.4030, 3.5099)

Have a look what the booklet for
XYZ(30.0986, 26.4030, 3.5099)
contains.

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Color

**XYZ(30.0986, 26.4030,
3.5099)**

Conversions

Conversions Part 1

Format	Color
Hex	C47D00
RGB	196, 125, 0
RGB Percent	77%, 49%, 0%
CMY	0.2314, 0.5098, 1.0000
CMYK	0.00, 0.36, 1.00, 0.23
HSL	38°, 100%, 38%
HSV	38°, 100%, 77%
XYZ	30.0986, 26.4030, 3.5099
YIQ	131.9790, 82.4410, -23.8230

Conversions

Conversions Part 2

Format	Color
R_{YB}	111, 196, 0
Decimal	12877056
CIE _{Lab}	58.42, 20.04, 64.65
CIE _{LCh}	58, 67.689, 72.779
Yxy	26.4030, 0.5015, 0.4400
Android (android.graphics.Color)	4291067136 (0xFFC47D00)
YUV	131.9790, -65.0656, 56.1464
Hunter-Lab	51.3838, 14.6364, 31.9187

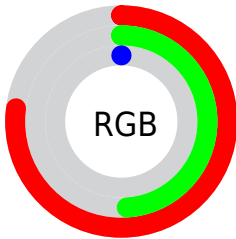
Details

The XYZ color **30.0986, 26.4030, 3.5099** is a dark color, and the websafe version is hex **CC9933**.

The color can be described as dark washed orange. A complement of this color would be **12.2172, 8.4923, 53.2195**, and the grayscale version is **22.1321, 23.2847, 25.3570**.

A 20% lighter version of the original color is **58.2346, 53.5305, 12.8933**, and **12.7378, 10.4031, 1.3366** is the 20% darker color. If you saturate the color by 10%, you get **30.0988, 26.4036, 3.5100**, and if you desaturate by 10%, it is **31.1532, 28.3159, 4.4672**.

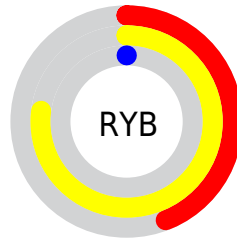
Distribution



Red (77%)

Green (49%)

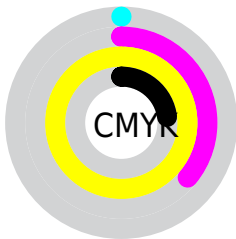
Blue (0%)



Red (44%)

Yellow (77%)

Blue (0%)

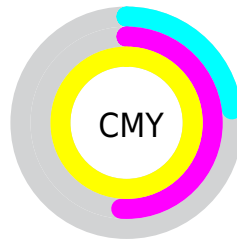


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (23%)



Cyan (23%)


Magenta (51%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0986, 26.4030, 3.5099 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 30.0986, 26.4030, 3.5099 by changing the saturation by 10% instead.


 30.0986, 26.4030,
3.5099


 30.0986, 26.4030,
3.5099


294.2654,
284.7548, 142.6113


 20.0619, 17.1254,
1.3605


 59.2036, 53.9244,
12.8627

 12.5486, 10.3239,
0.1106


 79.0027, 72.9369,
20.9031

 7.1933, 5.6142,
0.0000


 102.7865, 95.9632,
31.7444

 3.6307, 2.6120,
0.0000

 130.9205,
123.3876, 45.8050

 1.4954, 0.9327,
0.0000

 163.7700,
155.5946, 63.5034


 0.3227, 0.0000,
0.0000


 201.7005,


 0.0000, 0.0000,


192.9686, 85.2583


0.0000


 245.0771,
235.8938, 111.4881


 30.0986, 26.4030,
3.5099


 30.0986, 26.4030,
3.5099


 30.0988, 26.4036,
3.5100

 31.1532, 28.3159,
4.4672

 32.3968, 30.4082,
6.0994

 33.8752, 32.7013,
8.6382

 35.6122, 35.2067,
12.2032

 37.6281, 37.9344,
16.8961

■ 39.9411, 40.8935,
22.8057

■ 42.5674, 44.0924,
30.0122

■ 45.5218, 47.5387,
38.5889

■ 48.8184, 51.2398,
48.6033

Harmonies

Analogous

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



38.6553, 26.4030, 7.5962



30.0986, 26.4030, 3.5099



21.7425, 26.4030, 3.2901

Triad

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



30.0986, 26.4030, 3.5099



12.5715, 26.4030, 40.0329



37.5058, 26.4030, 76.7440

Complementary

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



30.0986, 26.4030, 3.5099



12.2172, 8.4923, 53.2195

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.



28.7760, 26.4030, 99.8650



30.0986, 26.4030, 3.5099



15.1474, 26.4030, 72.0455

Square

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



30.0986, 26.4030, 3.5099



12.7736, 26.4030, 17.2725



20.6796, 26.4030, 97.7865



43.5344, 26.4030, 44.4319

Rectangle

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



30.0986, 26.4030, 3.5099



17.4392, 26.4030, 4.9532



20.6796, 26.4030, 97.7865



34.7168, 26.4030, 86.4789

Sweetspot

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



30.0992, 26.4044, 3.5104



76.8745, 79.5911, 53.6941



23.9304, 12.2021, 7.2029



16.0055, 16.4950, 10.2433



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.



30.0992, 26.4044, 3.5104



54.2719, 47.3237, 6.2740



36.2887, 48.0109, 7.3546



10.5967, 11.1248, 10.6507



19.4240, 17.1337, 2.2834



0.9028, 0.8674, 0.1198

Inverse Universe

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



12.2172, 8.4923, 53.2195



21.9091, 14.9383, 96.3364



10.3934, 4.2071, 52.4885



9.8203, 10.3319, 12.7615



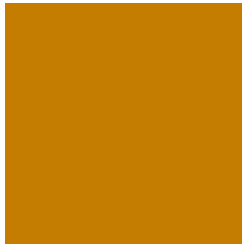
7.9250, 5.6064, 34.2211



0.4082, 0.3738, 1.5005

Previews

White Background



This preview shows how the XYZ color 30.0986, 26.4030, 3.5099 looks on a white background.

Color Contrast Check

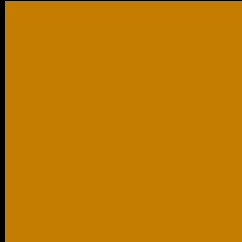
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0986, 26.4030, 3.5099 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 30.0986, 26.4030, 3.5099

Background



This preview shows how black text looks on a background with the XYZ color 30.0986, 26.4030, 3.5099.



This preview shows how white text looks on a background with the XYZ color 30.0986, 26.4030,

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

30.0986, 26.4030, 3.5099

Protanopia

23.9022, 26.4524, 4.2615

Deuteranopia

26.8852, 26.5152, 3.7009



Tritanopia

34.0345, 26.3890, 22.7018

Trichromacy



Original Color

30.0986, 26.4030, 3.5099

Protanomaly

25.7265, 26.1183, 3.9439

Deuteranomaly

28.1239, 26.5469, 3.6418

Tritanomaly

31.5980, 25.9150, 10.9261

Monochromacy



Original Color

30.0986, 26.4030, 3.5099

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.9681, 23.3092, 11.6761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0986, 26.4030, 3.5099 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, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 125, 0)  
}
```

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, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 125, 0) }
```

Border

The CSS property to change the border of an element to XYZ 30.0986, 26.4030, 3.5099 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, 125, 0) }
```


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

```
.border{ border-color:rgb(196, 125, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 125, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 125, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 125, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 125,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0986, 26.4030, 3.5099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 125, 0) }
```

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

```
.background{ background-color: rgb(196,  
125, 0) }
```

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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