

Converting Colors

YUV(89.5760, -30.3570,
30.1898)

Have a look what the booklet for
YUV(89.5760, -30.3570, 30.1898)
contains.

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Color

**YUV(89.5760, -30.3570,
30.1898)**

Conversions

Conversions Part 1

Format	Color
Hex	7C541C
RGB	124, 84, 28
RGB Percent	49%, 33%, 11%
CMY	0.5137, 0.6706, 0.8902
CMYK	0.00, 0.32, 0.77, 0.51
HSL	35°, 63%, 30%
HSV	35°, 77%, 49%
XYZ	11.6921, 10.7096, 2.5495
YIQ	89.5760, 41.8160, -8.9360

Conversions

Conversions Part 2

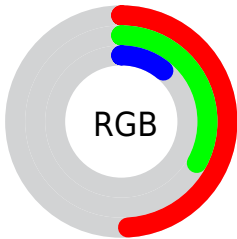
Format	Color
RYB	97, 124, 28
Decimal	8147996
CIELab	39.09, 11.23, 37.76
CIElCh	39, 39.393, 73.444
Yxy	10.7096, 0.4686, 0.4292
Android (android.graphics.Color)	4286338076 (0xFF7C541C)
YUV	89.5760, -30.3570, 30.1898
Hunter-Lab	32.7255, 6.5046, 18.2888

Details

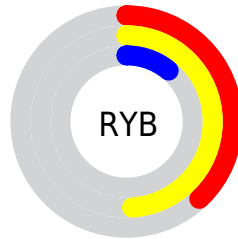
The YUV color $89.5760, -30.3570, 30.1898$ is a dark color, and the websafe version is hex 996633 . A complement of this color would be $62.4240, 30.3570, -30.1898$, and the grayscale version is $90.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $140.5550, -31.8256, 34.5933$, and $44.1220, -21.7521, 23.5720$ is the 20% darker color. If you saturate the color by 10%, you get $85.2730, -34.1516, 33.9636$, and if you desaturate by 10%, it is $93.8790, -26.5623, 26.4161$.

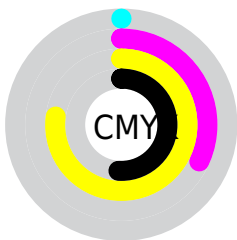
Distribution



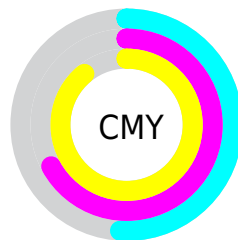
- Red (49%)
- Green (33%)
- Blue (11%)



- Red (38%)
- Yellow (49%)
- Blue (11%)



- Cyan (0%)
- Magenta (32%)
- Yellow (77%)
- Black (51%)



- Cyan (51%)
- Magenta (67%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5760, -30.3570, 30.1898 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 YUV color 89.5760, -30.3570, 30.1898 by changing the saturation by 10% instead.

■ 89.5760, -30.3570,
30.1898

■ 89.5760, -30.3570,
30.1898

■ 255.0000, 0.0000,
0.0000

■ 65.1520, -30.6409,
27.9307

■ 140.5550,
-31.8256, 34.5933

■ 44.1220, -21.7521,
23.5720

■ 167.8110,
-33.4308, 36.1228

■ 24.6080, -12.1317,
17.8838

■ 195.2950,
-34.1624, 37.4523

■ 5.0830, -2.5059,
10.4512

■ 219.1910,
-33.1252, 31.4045

■ 0.0000, 0.0000,
0.0000

■ 239.2920,
-29.7240, 13.7759

■ 249.5280,

-20.9663, 4.7989

252.8340, -8.2992,
1.8996

89.5760, -30.3570,
30.1898

89.5760, -30.3570,
30.1898

85.2730, -34.1516,
33.9636

93.8790, -26.5623,
26.4161

80.8560, -38.3830,
37.8373

98.2960, -22.3309,
22.5424

79.3400, -39.1146,
39.1668

103.1860,
-18.8257, 18.2539

107.6030,
-14.5943, 14.3802

111.9060,
-10.7997, 10.6064

■ 116.2090, -7.0050,
6.8327

■ 120.6260, -2.7736,
2.9590

■ 124.9290, 1.0210,
-0.8147

■ 129.9330, 4.9630,
-5.2032

Harmonies

Analogous

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



90.9060, -20.6597, 46.5634



89.5760, -30.3570, 30.1898



87.2050, -31.1601, 7.7132

Triad

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



89.5760, -30.3570, 30.1898



75.4800, 15.0464, -66.1960



94.5330, 21.9222, 15.3186

Complementary

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



89.5760, -30.3570, 30.1898



62.4240, 30.3570, -30.1898

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.



88.6140, 32.2353, -25.9715



89.5760, -30.3570, 30.1898



77.6120, 28.2923, -68.0657

Square

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



89.5760, -30.3570, 30.1898



70.5440, 1.2108, -61.8671



76.7290, 37.6016, -67.2913



93.5550, 8.6004, 41.6093

Rectangle

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



89.5760, -30.3570, 30.1898



84.5170, -24.4119, -10.1004



76.7290, 37.6016, -67.2913



94.0800, 25.5966, 3.4378

Sweetspot

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



89.5760, -30.3570, 30.1898



147.3900, -11.5313, 11.9360



61.2640, 3.3208, 55.0195



73.5080, -7.1524, 7.4475



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



89.5760, -30.3570, 30.1898



106.9190, -47.2881, 47.4290



110.6640, -40.7534, 4.6797



59.1420, -2.0420, 1.6295



80.2260, -39.5514, 39.2668



161.6370, -79.6870, 79.2484

Inverse Universe

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



62.4240, 30.3570, -30.1898



64.4940, 47.5775, -46.9142



41.3360, 40.7534, -4.6797



57.4450, 1.7526, -2.1443



44.7740, 39.5514, -39.2668



90.3630, 79.6870, -79.2484

Previews

White Background



This preview shows how the YUV color 89.5760, -30.3570, 30.1898 looks on a white 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

Black Background



This preview shows how the YUV color 89.5760, -30.3570, 30.1898 looks on a black 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

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

YUV 89.5760, -30.3570, 30.1898

Background



This preview shows how black text looks on a background with the YUV color 89.5760, -30.3570, 30.1898.



This preview shows how white text looks on a background with the YUV color 89.5760, -30.3570,

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

89.5760, -30.3570, 30.1898

Protanopia

89.1070, -29.1398, 13.0612

Deuteranopia

89.4180, -30.7721, 23.3124



Tritanopia

93.9220, -4.8915, 29.0094

Trichromacy



Original Color

89.5760, -30.3570, 30.1898

Protanomaly

89.3250, -29.7402, 19.0090

Deuteranomaly

89.7280, -30.9249, 25.6715

Tritanomaly

92.5170, -14.0589, 29.3646

Monochromacy



Original Color

89.5760, -30.3570, 30.1898

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7920, -11.2365, 10.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5760, -30.3570, 30.1898 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(124, 84, 28)` looks like.

```
.text, #text, p{  
    color:rgb(124, 84, 28)  
}
```

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(124, 84, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 84, 28) }
```

Border

The CSS property to change the border of an element to YUV 89.5760, -30.3570, 30.1898 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(124, 84, 28) }
```


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

```
.border{ border-color:rgb(124, 84, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 84, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 84, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 84, 28);  
box-shadow:4px 4px 4px 4px rgb(124, 84,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 89.5760, -30.3570, 30.1898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 84, 28) }
```

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

```
.background{ background-color: rgb(124, 84,  
28) }
```

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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