

Converting Colors

YUV(117.8090, -30.4718,
20.3385)

Have a look what the booklet for
YUV(117.8090, -30.4718, 20.3385)
contains.

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Color

**YUV(117.8090, -30.4718,
20.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7638
RGB	141, 118, 56
RGB Percent	55%, 46%, 22%
CMY	0.4471, 0.5373, 0.7804
CMYK	0.00, 0.16, 0.60, 0.45
HSL	44°, 43%, 39%
HSV	44°, 60%, 55%
XYZ	18.1767, 18.9051, 6.4324
YIQ	117.8090, 33.6100, -14.4060

Conversions

Conversions Part 2

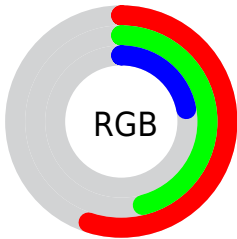
Format	Color
R _Y B	88, 141, 56
Decimal	9270840
CIE Lab	50.58, 1.10, 36.89
CIE LCh	51, 36.909, 88.287
Yxy	18.9051, 0.4177, 0.4345
Android (android.graphics.Color)	4287460920 (0xFF8D7638)
YUV	117.8090, -30.4718, 20.3385
Hunter-Lab	43.4800, -1.4684, 21.6647

Details

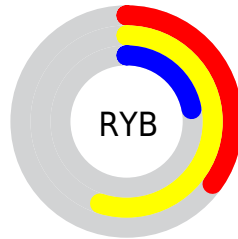
The YUV color **117.8090, -30.4718, 20.3385** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **79.1910, 30.4718, -20.3385**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6630, -32.3719, 23.0975**, and **68.2000, -30.1716, 17.3646** is the 20% darker color. If you saturate the color by 10%, you get **113.8650, -35.4294, 23.7974**, and if you desaturate by 10%, it is **121.7530, -25.5142, 16.8796**.

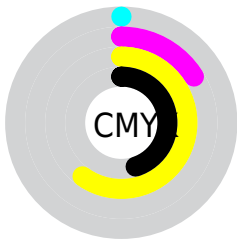
Distribution



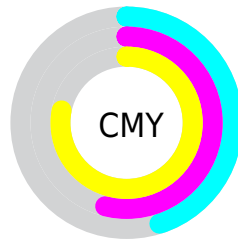
- Red (55%)
- Green (46%)
- Blue (22%)



- Red (35%)
- Yellow (55%)
- Blue (22%)



- Cyan (0%)
- Magenta (16%)
- Yellow (60%)
- Black (45%)



- Cyan (45%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8090, -30.4718, 20.3385 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 117.8090, -30.4718, 20.3385 by changing the saturation by 10% instead.

■ 117.8090,
-30.4718, 20.3385

■ 117.8090,
-30.4718, 20.3385

■ 255.0000, 0.0000,
0.0000

■ 92.3250, -29.7402,
19.0090

■ 170.6630,
-32.3719, 23.0975

■ 68.2000, -30.1716,
17.3646

■ 198.1470,
-33.1035, 24.4271

■ 47.0130, -23.1774,
14.0206

■ 226.2180,
-34.1245, 25.2418

■ 27.2110, -13.4150,
9.4620

■ 246.4330,
-30.2865, 7.5133

■ 2.3810, -1.1738,
3.1739

■ 250.2120,
-18.3455, 4.1991

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,

1.3997

■ 117.8090,
-30.4718, 20.3385

■ 117.8090,
-30.4718, 20.3385

■ 113.8650,
-35.4294, 23.7974

■ 121.7530,
-25.5142, 16.8796

■ 109.9210,
-40.3871, 27.2563

■ 125.6970,
-20.5566, 13.4207

■ 106.5640,
-45.6341, 30.2004

■ 129.0540,
-15.3096, 10.4766

■ 102.6200,
-50.5917, 33.6593

■ 132.9980,
-10.3520, 7.0178

■ 137.0560, -4.9576,
3.4589

■ 141.0000, 0.0000,
0.0000

■ 144.9440, 4.9576,
-3.4589

■ 148.8880, 9.9152,
-6.9178

■ 152.2450, 15.1622,
-9.8619

Harmonies

Analogous

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



119.8960, -25.5847, 39.5562



117.8090, -30.4718, 20.3385



114.3220, -25.3017, -4.6674

Triad

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



117.8090, -30.4718, 20.3385



96.8180, 25.7257, -84.9094



124.0850, 14.7481, 29.7435

Complementary

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



117.8090, -30.4718, 20.3385



79.1910, 30.4718, -20.3385

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.



122.2750, 26.4864, -1.9952



117.8090, -30.4718, 20.3385



97.2060, 37.3664, -85.2497

Square

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



117.8090, -30.4718, 20.3385



93.1700, 11.7482, -81.7101



112.1880, 34.9103, -44.0149



122.1230, 0.4324, 48.1271

Rectangle

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



117.8090, -30.4718, 20.3385



111.3780, -16.9484, -24.0105



112.1880, 34.9103, -44.0149



124.1700, 19.1432, 20.0219

Sweetspot

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



117.8090, -30.4718, 20.3385



174.9550, -11.8098, 7.9325



84.1510, -2.0464, 49.8566



86.1980, -6.9996, 5.0884



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



117.8090, -30.4718, 20.3385



147.7060, -47.6761, 31.8298



125.9280, -34.4745, -2.5679



69.0280, -2.4788, 1.7294



98.4780, -48.5497, 32.0298



5.9140, -2.9156, 1.8294

Inverse Universe

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



79.1910, 30.4718, -20.3385



87.2940, 47.6761, -31.8298



71.0720, 34.4745, 2.5679



65.9720, 2.4788, -1.7294



37.1090, 48.2603, -32.5446



2.0860, 2.9156, -1.8294

Previews

White Background



This preview shows how the YUV color 117.8090, -30.4718, 20.3385 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 YUV color 117.8090, -30.4718, 20.3385 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](#).

YUV 117.8090, -30.4718, 20.3385

Background



This preview shows how black text looks on a background with the YUV color 117.8090, -30.4718, 20.3385.



This preview shows how white text looks on a background with the YUV color 117.8090, -30.4718,

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

117.8090, -30.4718, 20.3385

Protanopia

117.5910, -29.8714, 14.3907

Deuteranopia

118.5540, -30.3461, 26.7011



Tritanopia

122.4910, -1.2281, 20.6174

Trichromacy



Original Color

117.8090, -30.4718, 20.3385

Protanomaly

117.9010, -30.0242, 16.7498

Deuteranomaly

118.2440, -30.1933, 24.3420

Tritanomaly

121.0320, -11.8478, 20.1429

Monochromacy



Original Color

117.8090, -30.4718, 20.3385

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7700, -11.2256, 7.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8090, -30.4718, 20.3385 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(141, 118, 56)` looks like.

```
.text, #text, p{  
    color:rgb(141, 118, 56)  
}
```

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(141, 118, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 118, 56) }
```

Border

The CSS property to change the border of an element to YUV 117.8090, -30.4718, 20.3385 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(141, 118, 56) }
```


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

```
.border{ border-color:rgb(141, 118, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 118, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 118, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 118, 56);  
box-shadow:4px 4px 4px 4px rgb(141, 118,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 117.8090, -30.4718, 20.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 118, 56) }
```

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

```
.background{ background-color: rgb(141,  
118, 56) }
```

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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