

Converting Colors

YUV(126.6180, -37.2797,
57.3400)

Have a look what the booklet for
YUV(126.6180, -37.2797, 57.3400)
contains.

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Color

**YUV(126.6180, -37.2797,
57.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	C06C33
RGB	192, 108, 51
RGB Percent	75%, 42%, 20%
CMY	0.2471, 0.5765, 0.8000
CMYK	0.00, 0.44, 0.73, 0.25
HSL	24°, 58%, 48%
HSV	24°, 73%, 75%
XYZ	27.6983, 22.1706, 5.9515
YIQ	126.6180, 68.3610, 0.0810

Conversions

Conversions Part 2

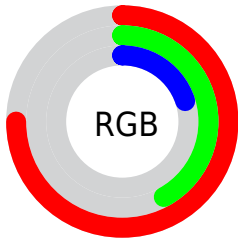
Format	Color
R _Y B	192, 147, 51
Decimal	12610611
CIE Lab	54.21, 28.87, 45.15
CIE LCh	54, 53.590, 57.398
Yxy	22.1706, 0.4962, 0.3972
Android (android.graphics.Color)	4290800691 (0xFFC06C33)
YUV	126.6180, -37.2797, 57.3400
Hunter-Lab	47.0857, 22.6034, 25.4659

Details

The YUV color **126.6180, -37.2797, 57.3400** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **116.3820, 37.2797, -57.3400**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.9670, -39.9167, 63.1729**, and **74.4000, -36.6792, 51.3922** is the 20% darker color. If you saturate the color by 10%, you get **117.9950, -42.3955, 64.9024**, and if you desaturate by 10%, it is **135.2410, -32.1638, 49.7776**.

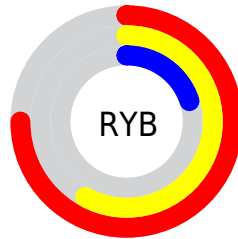
Distribution



Red (75%)

Green (42%)

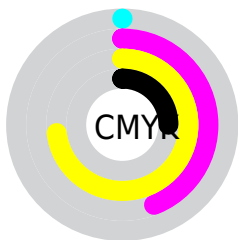
Blue (20%)



Red (75%)

Yellow (58%)

Blue (20%)

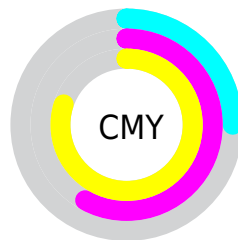


Cyan (0%)

Magenta (44%)

Yellow (73%)

Black (25%)



Cyan (25%)

Magenta (58%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.6180, -37.2797, 57.3400 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 126.6180, -37.2797, 57.3400 by changing the saturation by 10% instead.

■ 126.6180,
-37.2797, 57.3400

■ 126.6180,
-37.2797, 57.3400

■ 255.0000, 0.0000,
0.0000

■ 100.2370,
-36.1058, 54.1662

■ 180.9670,
-39.9167, 63.1729

■ 74.4000, -36.6792,
51.3922

■ 200.9650,
-36.9577, 47.3887

■ 52.2280, -25.7484,
45.4040

■ 219.8920,
-32.9778, 30.7897

■ 29.1810, -14.3862,
41.0603

■ 239.9930,
-29.5765, 13.1611

■ 14.6510, -7.2229,
30.1241

■ 249.6420,
-20.5295, 4.6990

■ 2.9900, -1.4741,
6.1478

■ 252.8340, -8.2992,

■ 0.0000, 0.0000,

1.8996

0.0000

■ 126.6180,
-37.2797, 57.3400

■ 126.6180,
-37.2797, 57.3400

■ 117.9950,
-42.3955, 64.9024

■ 135.2410,
-32.1638, 49.7776

■ 108.7850,
-47.2220, 72.9796

■ 144.4510,
-27.3373, 41.7005

■ 103.1940,
-50.8746, 77.8829

■ 153.1880,
-21.7847, 34.0381

■ 162.3980,
-16.9582, 25.9610

■ 171.0210,
-11.8424, 18.3986

■ 180.2310, -7.0159,
10.3214

■ 188.8540, -1.9000,
2.7590

■ 198.1780, 3.3632,
-5.4181

■ 206.8010, 8.4791,
-12.9805

Harmonies

Analogous

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



127.0650, -18.2730, 74.4880



126.6180, -37.2797, 57.3400



123.9830, -47.8126, 28.9559

Triad

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



126.6180, -37.2797, 57.3400



102.7730, 10.4649, -90.1319



130.7980, 40.0326, -6.8388

Complementary

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



126.6180, -37.2797, 57.3400



116.3820, 37.2797, -57.3400

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.



105.1400, 57.6120, -92.2078



126.6180, -37.2797, 57.3400



108.1310, 30.9944, -94.8309

Square

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



126.6180, -37.2797, 57.3400



109.1090, -15.8297, -56.2236



109.8870, 47.8767, -96.3709



133.0510, 23.1459, 42.9283

Rectangle

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



126.6180, -37.2797, 57.3400



121.6380, -44.6845, 5.5795



109.8870, 47.8767, -96.3709



126.0340, 45.3392, -28.9708

Sweetspot

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



126.6180, -37.2797, 57.3400



224.3590, -14.4740, 22.4872



102.8490, 16.3434, 78.1854



110.0850, -8.9159, 13.0805



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



126.6180, -37.2797, 57.3400



148.0230, -58.1853, 89.4338



167.7080, -57.5370, 21.3041



92.3380, -2.6316, 4.0886



86.2940, -42.5429, 65.5172



17.4980, -8.6265, 13.5953

Inverse Universe

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



116.3820, 37.2797, -57.3400



131.9770, 58.1853, -89.4338



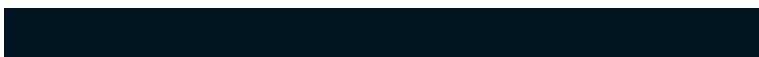
75.2920, 57.5370, -21.3041



91.6620, 2.6316, -4.0886



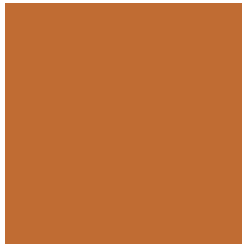
74.7060, 42.5429, -65.5172



15.5020, 8.6265, -13.5953

Previews

White Background



This preview shows how the YUV color 126.6180, -37.2797, 57.3400 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 126.6180, -37.2797, 57.3400 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 126.6180, -37.2797, 57.3400

Background



This preview shows how black text looks on a background with the YUV color 126.6180, -37.2797, 57.3400.



This preview shows how white text looks on a background with the YUV color 126.6180, -37.2797,

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

126.6180, -37.2797, 57.3400

Protanopia

126.2770, -33.6606, 16.4201

Deuteranopia

126.5840, -39.2349, 31.0598



Tritanopia

130.6050, -10.6513, 56.4744

Trichromacy



Original Color

126.6180, -37.2797, 57.3400

Protanomaly

126.3220, -35.1617, 31.2896

Deuteranomaly

126.4650, -38.6832, 40.8112

Tritanomaly

129.0860, -20.2554, 56.9296

Monochromacy



Original Color

126.6180, -37.2797, 57.3400

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8750, -13.7424, 21.1576

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.6180, -37.2797, 57.3400 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, 108, 51)` looks like.

```
.text, #text, p{  
    color:rgb(192, 108, 51)  
}
```

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, 108, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 108, 51) }
```

Border

The CSS property to change the border of an element to YUV 126.6180, -37.2797, 57.3400 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, 108, 51) }
```


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

```
.border{ border-color:rgb(192, 108, 51) }
```

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

Here you see how a box with a 4 pixel rgb(192, 108, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 108, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 108, 51);  
box-shadow:4px 4px 4px 4px rgb(192, 108,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 126.6180, -37.2797, 57.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 108, 51) }
```

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

```
.background{ background-color: rgb(192,  
108, 51) }
```

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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