

Converting Colors

YUV(120.7410, -37.3403,
30.0451)

Have a look what the booklet for
YUV(120.7410, -37.3403, 30.0451)
contains.

YUV(120.7410, -37.3403, 30.0451)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.7410, -37.3403,
30.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	9B762D
RGB	155, 118, 45
RGB Percent	61%, 46%, 18%
CMY	0.3922, 0.5373, 0.8235
CMYK	0.00, 0.24, 0.71, 0.39
HSL	40°, 55%, 39%
HSV	40°, 71%, 61%
XYZ	20.4697, 20.1149, 5.2863
YIQ	120.7410, 45.4850, -14.8590

Conversions

Conversions Part 2

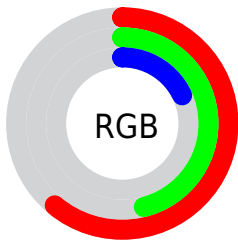
Format	Color
R_{YB}	101, 155, 45
Decimal	10188333
CIE _{Lab}	51.97, 6.74, 44.22
CIE _{LCh}	52, 44.734, 81.329
Yxy	20.1149, 0.4462, 0.4385
Android (android.graphics.Color)	4288378413 (0xFF9B762D)
YUV	120.7410, -37.3403, 30.0451
Hunter-Lab	44.8496, 2.9817, 24.4064

Details

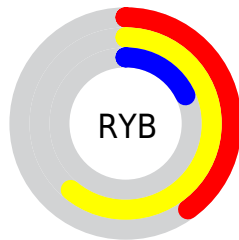
The YUV color **120.7410, -37.3403, 30.0451** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **79.2590, 37.3403, -30.0451**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0080, -38.9509, 33.3190**, and **70.9900, -34.9981, 25.4418** is the 20% darker color. If you saturate the color by 10%, you get **116.0960, -42.4453, 34.1188**, and if you desaturate by 10%, it is **125.5000, -31.7985, 25.8715**.

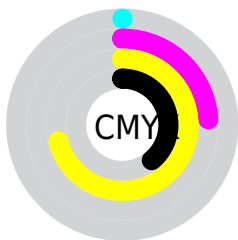
Distribution



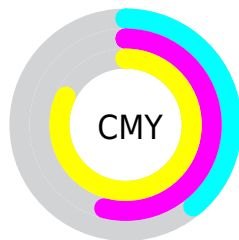
- Red (61%)
- Green (46%)
- Blue (18%)



- Red (40%)
- Yellow (61%)
- Blue (18%)



- Cyan (0%)
- Magenta (24%)
- Yellow (71%)
- Black (39%)



- Cyan (39%)
- Magenta (54%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7410, -37.3403, 30.0451 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 120.7410, -37.3403, 30.0451 by changing the saturation by 10% instead.

■ 120.7410,
-37.3403, 30.0451

■ 120.7410,
-37.3403, 30.0451

■ 255.0000, 0.0000,
0.0000

■ 94.7300, -37.3349,
28.3008

■ 174.0080,
-38.9509, 33.3190

■ 70.9900, -34.9981,
25.4418

■ 201.6770,
-40.2668, 35.3633

■ 50.3020, -24.7989,
20.7831

■ 225.0780,
-38.4925, 26.2416

■ 30.2010, -14.8891,
15.6097

■ 245.1790,
-35.0912, 8.6130

■ 8.0510, -3.9691,
13.1103

■ 248.9580,
-23.1503, 5.2988

■ 0.0000, 0.0000,
0.0000

■ 252.1500,

-10.9200, 2.4994

■ 120.7410,
-37.3403, 30.0451

■ 120.7410,
-37.3403, 30.0451

■ 116.0960,
-42.4453, 34.1188

■ 125.5000,
-31.7985, 25.8715

■ 111.3370,
-47.9871, 38.2925

■ 130.1450,
-26.6935, 21.7978

■ 106.8060,
-52.6554, 42.2661

■ 135.4910,
-21.4411, 17.1094

■ 140.1360,
-16.3360, 13.0357

■ 144.8950,
-10.7942, 8.8621

■ 149.5400, -5.6892,
4.7884

■ 154.2990, -0.1474,
0.6148

■ 159.5310, 4.6682,
-3.9737

■ 164.2900, 10.2100,
-8.1473

Harmonies

Analogous

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



122.2890, -28.2435, 52.3665



120.7410, -37.3403, 30.0451



117.3630, -34.1960, 1.4356

Triad

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



120.7410, -37.3403, 30.0451



101.1550, 24.5736, -88.7129



127.9090, 21.7369, 28.1438

Complementary

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



120.7410, -37.3403, 30.0451



79.2590, 37.3403, -30.0451

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.



123.4890, 35.2549, -14.4609



120.7410, -37.3403, 30.0451



102.4550, 39.7087, -89.8530

Square

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



120.7410, -37.3403, 30.0451



96.0080, 7.3911, -84.1990



99.5830, 49.0126, -87.3343



125.5460, 5.6468, 55.6492

Rectangle

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



120.7410, -37.3403, 30.0451



114.0380, -24.6687, -21.0813



99.5830, 49.0126, -87.3343



127.4990, 26.8690, 15.3484

Sweetspot

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



120.7410, -37.3403, 30.0451



187.9940, -14.2940, 11.4063



82.2220, 0.3836, 63.8263



93.8670, -8.3154, 7.1326



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



120.7410, -37.3403, 30.0451



148.0470, -58.1972, 46.4398



137.3770, -45.5419, 0.5464



74.3270, -2.6262, 2.3442



96.4510, -47.5503, 38.1925



8.5830, -4.2314, 3.8737

Inverse Universe

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



79.2590, 37.3403, -30.0451



83.5400, 57.9078, -46.9546



62.6230, 45.5419, -0.5464



71.0860, 2.9156, -1.8294



43.5490, 47.5503, -38.1925



3.8300, 4.5208, -3.3589

Previews

White Background



This preview shows how the YUV color 120.7410, -37.3403, 30.0451 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 120.7410, -37.3403, 30.0451 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 120.7410, -37.3403, 30.0451 Background



This preview shows how black text looks on a background with the YUV color 120.7410, -37.3403, 30.0451.



This preview shows how white text looks on a background with the YUV color 120.7410, -37.3403, 30.0451.

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

120.7410, -37.3403, 30.0451

Protanopia

119.7070, -35.8446, 16.9200

Deuteranopia

120.7410, -37.3403, 30.0451



Tritanopia

126.5630, -3.7286, 29.3242

Trichromacy



Original Color

120.7410, -37.3403, 30.0451

Protanomaly

120.2130, -36.5870, 21.7382

Deuteranomaly

120.7410, -37.3403, 30.0451

Tritanomaly

124.6480, -16.0955, 29.2497

Monochromacy



Original Color

120.7410, -37.3403, 30.0451

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8090, -13.7098, 10.6915

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7410, -37.3403, 30.0451 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(155, 118, 45)` looks like.

```
.text, #text, p{  
    color:rgb(155, 118, 45)  
}
```

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(155, 118, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 118, 45) }
```

Border

The CSS property to change the border of an element to YUV 120.7410, -37.3403, 30.0451 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(155, 118, 45) }
```


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

```
.border{ border-color:rgb(155, 118, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 118, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 118, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 118, 45);  
box-shadow:4px 4px 4px 4px rgb(155, 118,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 120.7410, -37.3403, 30.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 118, 45) }
```

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

```
.background{ background-color: rgb(155,  
118, 45) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor