

Converting Colors

YUV(115.1540, -37.0509,
30.5599)

Have a look what the booklet for
YUV(115.1540, -37.0509, 30.5599)
contains.

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Color

**YUV(115.1540, -37.0509,
30.5599)**

Conversions

Conversions Part 1

Format	Color
Hex	967028
RGB	150, 112, 40
RGB Percent	59%, 44%, 16%
CMY	0.4118, 0.5608, 0.8431
CMYK	0.00, 0.25, 0.73, 0.41
HSL	39°, 58%, 37%
HSV	39°, 73%, 59%
XYZ	18.7549, 18.2256, 4.5369
YIQ	115.1540, 45.7600, -14.3360

Conversions

Conversions Part 2

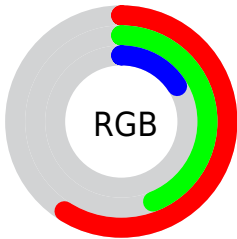
Format	Color
R_{YB}	98, 150, 40
Decimal	9859112
CIE _{Lab}	49.77, 7.61, 44.06
CIE _{LCh}	50, 44.709, 80.206
Yxy	18.2256, 0.4517, 0.4390
Android (android.graphics.Color)	4288049192 (0xFF967028)
YUV	115.1540, -37.0509, 30.5599
Hunter-Lab	42.6914, 3.7072, 23.5832

Details

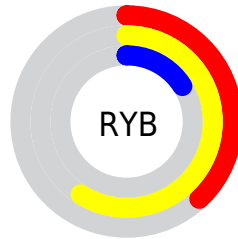
The YUV color **115.1540, -37.0509, 30.5599** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **74.8460, 37.0509, -30.5599**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4210, -38.6616, 33.8338**, and **66.5600, -32.8141, 24.9419** is the 20% darker color. If you saturate the color by 10%, you get **110.5090, -42.1559, 34.6336**, and if you desaturate by 10%, it is **119.7990, -31.9459, 26.4863**.

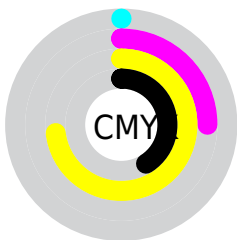
Distribution



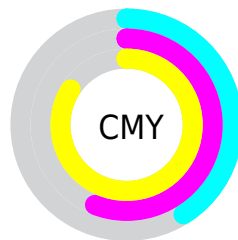
- Red (59%)
- Green (44%)
- Blue (16%)



- Red (38%)
- Yellow (59%)
- Blue (16%)



- Cyan (0%)
- Magenta (25%)
- Yellow (73%)
- Black (41%)



- Cyan (41%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.1540, -37.0509, 30.5599 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 115.1540, -37.0509, 30.5599 by changing the saturation by 10% instead.

■ 115.1540,
-37.0509, 30.5599

■ 115.1540,
-37.0509, 30.5599

■ 255.0000, 0.0000,
0.0000

■ 89.6160, -37.7717,
28.4008

■ 168.4210,
-38.6616, 33.8338

■ 66.5600, -32.8141,
24.9419

■ 196.0900,
-39.9774, 35.8781

■ 45.8720, -22.6149,
20.2833

■ 220.2850,
-39.0875, 30.4451

■ 25.7710, -12.7051,
15.1098

■ 240.3860,
-35.6863, 12.8165

■ 4.7840, -2.3585,
9.8364

■ 248.2740,
-25.7711, 5.8987

■ 0.0000, 0.0000,
0.0000

■ 251.4660,

-13.5407, 3.0993

254.7720, -0.8736,
0.2000

■ 115.1540,
-37.0509, 30.5599

■ 115.1540,
-37.0509, 30.5599

■ 110.5090,
-42.1559, 34.6336

■ 119.7990,
-31.9459, 26.4863

■ 105.8640,
-47.2610, 38.7073

■ 124.4440,
-26.8409, 22.4126

■ 102.3760,
-50.4714, 41.7662

■ 129.6760,
-22.0253, 17.8241

■ 134.3210,
-16.9203, 13.7505

■ 138.9660,
-11.8152, 9.6768

■ 143.6110, -6.7102,
5.6032

■ 148.2560, -1.6052,
1.5295

■ 152.9010, 3.4998,
-2.5442

■ 158.1330, 8.3154,
-7.1326

Harmonies

Analogous

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



116.5170, -27.3699, 52.1666



115.1540, -37.0509, 30.5599



111.6620, -34.3434, 2.0504

Triad

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



115.1540, -37.0509, 30.5599



96.7210, 22.8155, -84.8243



122.3110, 22.0317, 26.9143

Complementary

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



115.1540, -37.0509, 30.5599



74.8460, 37.0509, -30.5599

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.



117.5920, 35.6971, -16.3052



115.1540, -37.0509, 30.5599



98.7220, 38.0981, -86.5792

Square

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



115.1540, -37.0509, 30.5599



91.6880, 6.0698, -80.4104



95.9640, 47.8387, -84.1604



119.9480, 5.9416, 54.4196

Rectangle

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



115.1540, -37.0509, 30.5599



108.5220, -25.4003, -19.7518



95.9640, 47.8387, -84.1604



121.9010, 27.1638, 14.1188

Sweetspot

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



115.1540, -37.0509, 30.5599



180.2930, -14.4414, 12.0210



77.2220, 0.3836, 63.8263



88.8670, -8.3154, 7.1326



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



115.1540, -37.0509, 30.5599



139.8730, -57.6184, 47.4694



132.3770, -45.5419, 0.5464



71.4410, -2.1894, 2.2442



94.0920, -46.3874, 38.5073



7.0990, -3.4998, 2.5442

Inverse Universe

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



74.8460, 37.0509, -30.5599



77.1270, 57.6184, -47.4694



57.6230, 45.5419, -0.5464



68.9720, 2.4788, -1.7294



43.9080, 46.3874, -38.5073



3.4880, 3.2104, -3.0590

Previews

White Background



This preview shows how the YUV color 115.1540, -37.0509, 30.5599 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 115.1540, -37.0509, 30.5599 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 115.1540, -37.0509, 30.5599

Background



This preview shows how black text looks on a background with the YUV color 115.1540, -37.0509, 30.5599.



This preview shows how white text looks on a background with the YUV color 115.1540, -37.0509, 30.5599.

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

115.1540, -37.0509, 30.5599

Protanopia

114.4080, -35.6971, 16.3052

Deuteranopia

115.1430, -37.0455, 28.8156



Tritanopia

120.8620, -3.8760, 29.9390

Trichromacy



Original Color

115.1540, -37.0509, 30.5599

Protanomaly

114.3270, -36.1502, 21.6382

Deuteranomaly

115.4420, -37.1929, 29.4304

Tritanomaly

118.9470, -16.2429, 29.8645

Monochromacy



Original Color

115.1540, -37.0509, 30.5599

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2220, -13.4204, 11.2063

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.1540, -37.0509, 30.5599 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(150, 112, 40)` looks like.

```
.text, #text, p{  
    color:rgb(150, 112, 40)  
}
```

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(150, 112, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 112, 40) }
```

Border

The CSS property to change the border of an element to YUV 115.1540, -37.0509, 30.5599 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(150, 112, 40) }
```


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

```
.border{ border-color:rgb(150, 112, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 112, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 112, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 112, 40);  
box-shadow:4px 4px 4px 4px rgb(150, 112,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 115.1540, -37.0509, 30.5599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 112, 40) }
```

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

```
.background{ background-color: rgb(150,  
112, 40) }
```

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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