

Converting Colors

YUV(123.1010, -40.4758,
-37.7996)

Have a look what the booklet for
YUV(123.1010, -40.4758, -37.7996)
contains.

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Color

**YUV(123.1010, -40.4758,
-37.7996)**

Conversions

Conversions Part 1

Format	Color
Hex	50A129
RGB	80, 161, 41
RGB Percent	31%, 63%, 16%
CMY	0.6863, 0.3686, 0.8392
CMYK	0.50, 0.00, 0.75, 0.37
HSL	100°, 59%, 40%
HSV	100°, 75%, 63%
XYZ	16.4534, 27.3553, 6.5107
YIQ	123.1010, -9.7560, -54.4920

Conversions

Conversions Part 2

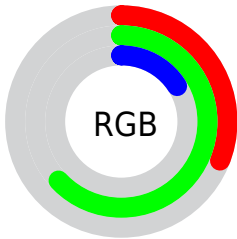
Format	Color
R_{YB}	41, 161, 122
Decimal	5284137
CIE _{Lab}	59.30, -45.92, 51.62
CIE _{LCh}	59, 69.088, 131.652
Yxy	27.3553, 0.3270, 0.5436
Android (android.graphics.Color)	4283474217 (0xFF50A129)
YUV	123.1010, -40.4758, -37.7996
Hunter-Lab	52.3023, -35.3761, 29.2310

Details

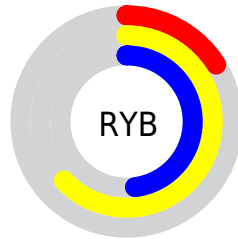
The YUV color **123.1010, -40.4758, -37.7996** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **78.8990, 40.4758, 37.7996**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.8730, -41.3494, -37.5996**, and **66.6850, -32.8757, -48.8357** is the 20% darker color. If you saturate the color by 10%, you get **117.9880, -45.8431, -42.9625**, and if you desaturate by 10%, it is **128.2140, -35.1085, -32.6367**.

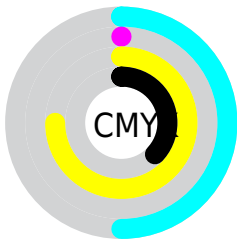
Distribution



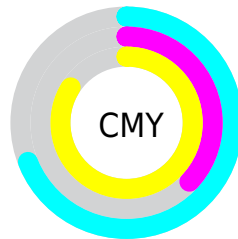
- Red (31%)
- Green (63%)
- Blue (16%)



- Red (16%)
- Yellow (63%)
- Blue (48%)



- Cyan (50%)
- Magenta (0%)
- Yellow (75%)
- Black (37%)



- Cyan (69%)
- Magenta (37%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1010, -40.4758, -37.7996 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 123.1010, -40.4758, -37.7996 by changing the saturation by 10% instead.

■ 123.1010,
-40.4758, -37.7996

■ 123.1010,
-40.4758, -37.7996

■ 255.0000, 0.0000,
0.0000

■ 94.2920, -43.5280,
-38.8441

■ 178.8730,
-41.3494, -37.5996

■ 66.6850, -32.8757,
-48.8357

■ 206.9440,
-42.3704, -36.7849

■ 48.7210, -24.0195,
-42.7283

■ 224.2640,
-37.5982, -27.4185

■ 34.6330, -17.0741,
-30.3731

■ 236.4260,
-29.7900, -11.7746

■ 22.3060, -10.9969,
-19.5624

■ 248.2890,
-21.8345, 3.2545

■ 0.0000, 0.0000,
0.0000

■ 252.4920, -9.6096,

2.1995

■ 123.1010,
-40.4758, -37.7996

■ 123.1010,
-40.4758, -37.7996

■ 117.9880,
-45.8431, -42.9625

■ 128.2140,
-35.1085, -32.6367

■ 112.8750,
-51.2104, -48.1254

■ 133.3270,
-29.7412, -27.4738

■ 110.0550,
-54.2571, -50.9142

■ 138.4400,
-24.3739, -22.3109

■ 143.2540,
-18.8592, -17.7628

■ 148.3670,
-13.4919, -12.5999

■ 153.5940, -7.6878,
-7.5369

■ 158.7070, -2.3206,
-2.3740

■ 163.8200, 3.0467,
2.7889

■ 168.9330, 8.4140,
7.9518

Harmonies

Analogous

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



130.8400, -64.5041, 15.9263



123.1010, -40.4758, -37.7996



110.2440, -4.0643, -96.6840

Triad

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



123.1010, -40.4758, -37.7996



122.9900, 65.0809, -107.8622



135.3300, -6.5717, 101.4426

Complementary

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



123.1010, -40.4758, -37.7996



78.8990, 40.4758, 37.7996

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.



141.1850, 20.1218, 79.6448



123.1010, -40.4758, -37.7996



121.3940, 65.8678, -80.1525

Square

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



123.1010, -40.4758, -37.7996



123.9240, 48.3515, -108.6813



146.5060, 43.1345, 24.9892



136.5710, -35.7775, 88.9532

Rectangle

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



123.1010, -40.4758, -37.7996



116.2060, 13.7024, -101.9127



146.5060, 43.1345, 24.9892



136.1260, 2.8959, 98.1135

Sweetspot

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



123.1010, -40.4758, -37.7996



194.4870, -15.5231, -14.4591



123.8400, -40.8401, 32.5893



96.1270, -9.4296, -8.8814



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



123.1010, -40.4758, -37.7996



150.1220, -62.6711, -58.8660



113.7200, -25.9910, -63.7754



79.1800, -3.0467, -2.7889



99.1680, -48.8898, -45.7513



12.3600, -6.0935, -5.5777

Inverse Universe

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



78.8990, 40.4758, 37.7996



81.8780, 62.6711, 58.8660



88.2800, 25.9910, 63.7754



75.8200, 3.0467, 2.7889



45.8320, 48.8898, 45.7513



5.6400, 6.0935, 5.5777

Previews

White Background



This preview shows how the YUV color 123.1010, -40.4758, -37.7996 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 123.1010, -40.4758, -37.7996 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 123.1010, -40.4758, -37.7996 Background



This preview shows how black text looks on a background with the YUV color 123.1010, -40.4758, -37.7996.



This preview shows how white text looks on a background with the YUV color 123.1010, -40.4758, -37.7996.

-37.7996.

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

123.1010, -40.4758, -37.7996

Protanopia

134.9990, -48.8065, 21.0489

Deuteranopia

138.0960, -42.4453, 34.1188



Tritanopia

136.7170, 12.4645, -31.3238

Trichromacy



Original Color

123.1010, -40.4758, -37.7996

Protanomaly

130.6650, -45.6838, -0.5832

Deuteranomaly

132.4580, -41.6378, 8.3683

Tritanomaly

131.6570, -6.7329, -33.9022

Monochromacy



Original Color

123.1010, -40.4758, -37.7996

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0140, -14.7969, -14.0443

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1010, -40.4758, -37.7996 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(80, 161, 41)` looks like.

```
.text, #text, p{  
    color:rgb(80, 161, 41)  
}
```

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(80, 161, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 161, 41) }
```

Border

The CSS property to change the border of an element to YUV 123.1010, -40.4758, -37.7996 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(80, 161, 41) }
```


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

```
.border{ border-color:rgb(80, 161, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 161, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 161, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 161, 41);  
box-shadow:4px 4px 4px 4px rgb(80, 161,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 123.1010, -40.4758, -37.7996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 161, 41) }
```

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

```
.background{ background-color: rgb(80, 161,  
41) }
```

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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