

Converting Colors

YIQ(125.3370, -4.8490,
-60.8250)

Have a look what the booklet for
YIQ(125.3370, -4.8490, -60.8250)
contains.

YIQ(125.3370, -4.8490, -60.8250)	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

**YIQ(125.3370, -4.8490,
-60.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	53A61B
RGB	83, 166, 27
RGB Percent	33%, 65%, 11%
CMY	0.6748, 0.3489, 0.8940
CMYK	0.50, 0.00, 0.84, 0.35
HSL	96°, 72%, 38%
HSV	96°, 84%, 65%
XYZ	17.4015, 29.1999, 5.7573
YIQ	125.3370, -4.8490, -60.8250

Conversions

Conversions Part 2

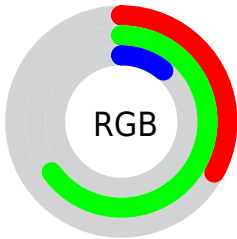
Format	Color
R_{YB}	27, 166, 110
Decimal	5482011
CIE Lab	60.96, -47.80, 57.62
CIE LCh	61, 74.865, 129.679
Yxy	29.1999, 0.3324, 0.5577
Android (android.graphics.Color)	4283672091 (0xFF53A61B)
YUV	125.3370, -48.4801, -37.1295
Hunter-Lab	54.0370, -37.0825, 31.5089

Details

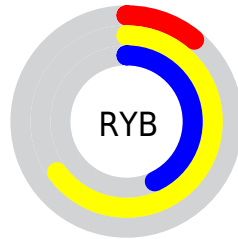
The YIQ color **125.3370, -4.8490, -60.8250** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **67.6630, 4.8490, 60.8250**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8640, -4.8950, -59.9910**, and **70.2180, -23.3270, -56.3430** is the 20% darker color. If you saturate the color by 10%, you get **120.4090, -5.3520, -68.2320**, and if you desaturate by 10%, it is **130.2650, -4.3460, -53.4180**.

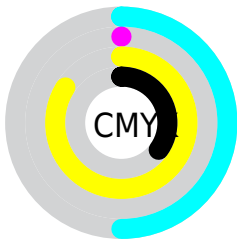
Distribution



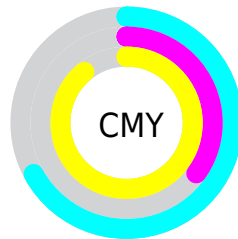
- Red (33%)
- Green (65%)
- Blue (11%)



- Red (11%)
- Yellow (65%)
- Blue (43%)



- Cyan (50%)
- Magenta (0%)
- Yellow (84%)
- Black (35%)



- Cyan (67%)
- Magenta (35%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.3370, -4.8490, -60.8250 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 YIQ color 125.3370, -4.8490, -60.8250 by changing the saturation by 10% instead.


 125.3370, -4.8490,
-60.8250

 125.3370, -4.8490,
-60.8250


255.0000, -0.0000,
-0.0000

 97.4400, -6.6370,
-61.4610


 181.8640, -4.8950,
-59.9910

 70.2180, -23.3270,
-56.3430


 210.6360, -4.2530,
-60.6130


 51.6560, -24.2000,
-46.0240


 224.8470, 2.9430,
-47.8490

 36.9810, -17.3250,
-32.9490

 236.5960, 11.5600,
-33.3040

 24.6540, -11.5500,
-21.9660

 248.2740, 18.9390,
-18.3490

 4.1090, -1.9250,
-3.6610

 251.5800, 9.6300,

 0.0000, 0.0000,

-9.3300

0.0000

254.8860, 0.3210,
-0.3110

■ 125.3370, -4.8490,
-60.8250

■ 125.3370, -4.8490,
-60.8250

■ 120.4090, -5.3520,
-68.2320

■ 130.2650, -4.3460,
-53.4180

■ 117.4750, -5.7180,
-72.6140

■ 135.0790, -3.5220,
-46.3220

■ 140.0070, -3.0190,
-38.9150

■ 144.8210, -2.1950,
-31.8190

■ 149.7490, -1.6920,
-24.4120

■ 154.3780, -1.7850,
-17.2170

■ 159.1920, -0.9610,
-10.1210

■ 164.1200, -0.4580,
-2.7140

■ 168.9340, 0.3660,
4.3820

Harmonies

Analogous

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



135.5800, 52.0470, -45.6890



125.3370, -4.8490, -60.8250



113.3100, -79.3080, -60.5240

Triad

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



125.3370, -4.8490, -60.8250



127.0990, -127.7800, -8.0360



133.8020, 90.4960, 56.0000

Complementary

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



125.3370, -4.8490, -60.8250



67.6630, 4.8490, 60.8250

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.



144.7710, 57.3910, 66.7590



125.3370, -4.8490, -60.8250



115.9460, -122.5550, 1.9010

Square

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



125.3370, -4.8490, -60.8250



128.9450, -121.9550, -19.9950



150.6780, -8.6750, 52.6130



138.8110, 102.3310, 23.2190

Rectangle

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



125.3370, -4.8490, -60.8250



119.7280, -94.6240, -47.2640



150.6780, -8.6750, 52.6130



136.3100, 83.4340, 62.8420

Sweetspot

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



125.3370, -4.8490, -60.8250



200.9770, -2.3340, -23.7900



116.1080, 60.5690, -12.8950



100.2580, -1.3270, -14.5030



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



125.3370, -4.8490, -60.8250



153.3920, -7.8230, -95.0470



109.9610, -42.0770, -68.9650



81.5930, -0.4120, -3.5480



104.5170, -5.5360, -64.8960



14.1320, -0.7320, -8.7640

Inverse Universe

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



67.6630, 4.8490, 60.8250



63.6080, 7.8230, 95.0470



83.0390, 42.0770, 68.9650



78.4070, 0.4120, 3.5480



43.1840, 4.9400, 64.6840



5.8680, 0.7320, 8.7640

Previews

White Background



This preview shows how the YIQ color 125.3370, -4.8490, -60.8250 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 YIQ color 125.3370, -4.8490, -60.8250 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](#).

YIQ 125.3370, -4.8490, -60.8250

Background



This preview shows how black text looks on a background with the YIQ color 125.3370, -4.8490, -60.8250.



This preview shows how white text looks on a background with the YIQ color 125.3370, -4.8490,

-60.8250.

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

125.3370, -4.8490, -60.8250

Protanopia

138.0180, 51.1740, -35.3700

Deuteranopia

141.0980, 57.3610, -20.8390



Tritanopia

141.4180, -33.6520, -6.8680

Trichromacy



Original Color

125.3370, -4.8490, -60.8250

Protanomaly

133.3850, 30.7270, -44.7690

Deuteranomaly

135.6340, 34.7600, -35.2560

Tritanomaly

135.5600, -23.1490, -26.5170

Monochromacy



Original Color

125.3370, -4.8490, -60.8250

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.2160, -1.5090, -22.2210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.3370, -4.8490, -60.8250 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(83, 166, 27)` looks like.

```
.text, #text, p{  
    color:rgb(83, 166, 27)  
}
```

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(83, 166, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 166, 27) }
```

Border

The CSS property to change the border of an element to YIQ 125.3370, -4.8490, -60.8250 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(83, 166, 27) }
```


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

```
.border{ border-color:rgb(83, 166, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 166, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 166, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 166, 27);  
box-shadow:4px 4px 4px 4px rgb(83, 166,  
27) }
```

Background

The CSS property to change the background color of an element to YIQ 125.3370, -4.8490, -60.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 166, 27) }
```

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

```
.background{ background-color: rgb(83, 166,  
27) }
```

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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