

# Converting Colors

YIQ(127.4710, -25.1170,  
-45.9250)

Have a look what the booklet for  
YIQ(127.4710, -25.1170, -45.9250)  
contains.

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# Color

**YIQ(127.4710, -25.1170,  
-45.9250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BA44D
RGB	75, 164, 77
RGB Percent	29%, 64%, 30%
CMY	0.7061, 0.3567, 0.6981
CMYK	0.54, 0.00, 0.53, 0.36
HSL	121°, 37%, 47%
HSV	121°, 54%, 64%
XYZ	17.5177, 28.5931, 11.6154
YIQ	127.4710, -25.1170, -45.9250

# Conversions

## Conversions Part 2

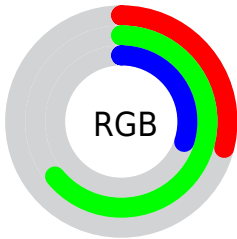
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 162, 164
Decimal	4957261
CIELab	60.42, -44.86, 36.91
CIELCh	60, 58.087, 140.553
Yxy	28.5931, 0.3035, 0.4953
Android (android.graphics.Color)	4283147341 (0xFF4BA44D)
YUV	127.4710, -24.8822, -46.0171
Hunter-Lab	53.4725, -35.0998, 24.5517

# Details

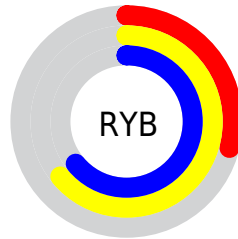
The YIQ color **127.4710, -25.1170, -45.9250** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **111.5290, 25.1170, 45.9250**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.9010, -23.5120, -47.4800**, and **68.9470, -38.3210, -48.9210** is the 20% darker color. If you saturate the color by 10%, you get **120.8630, -29.5170, -54.2930**, and if you desaturate by 10%, it is **134.0790, -20.7170, -37.5570**.

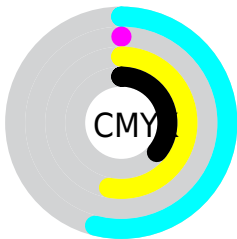
# Distribution



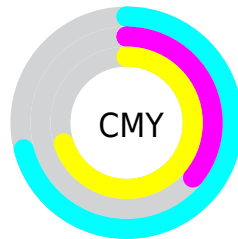
- Red (29%)
- Green (64%)
- Blue (30%)



- Red (29%)
- Yellow (64%)
- Blue (64%)



- Cyan (54%)
- Magenta (0%)
- Yellow (53%)
- Black (36%)




- Cyan (71%)
- Magenta (36%)
- Yellow (70%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 127.4710, -25.1170, -45.9250 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 127.4710, -25.1170, -45.9250 by changing the saturation by 10% instead.





 127.4710,  
-25.1170, -45.9250


 127.4710,  
-25.1170, -45.9250


 255.0000, -0.0000,  
-0.0000


 99.8020, -27.5470,  
-45.9390


 182.9010,  
-23.5120, -47.4800


 68.6480, -38.9170,  
-49.1330


 211.3740,  
-23.4660, -48.3140


 50.4820, -23.6500,  
-44.9780


 226.3460,  
-17.0950, -37.1190

 36.3940, -17.0500,  
-32.4260

 238.2090, -8.7990,  
-22.2630

 24.0670, -11.2750,  
-21.4430

 250.3710, 0.0930,  
-7.1950

 1.7610, -0.8250,  
-1.5690

 0.0000, 0.0000,

0.0000

■ 127.4710,  
-25.1170, -45.9250

■ 127.4710,  
-25.1170, -45.9250

■ 120.8630,  
-29.5170, -54.2930

■ 134.0790,  
-20.7170, -37.5570

■ 113.9560,  
-34.5130, -62.8730

■ 140.9860,  
-15.7210, -28.9770

■ 107.3480,  
-38.9130, -71.2410

■ 147.5940,  
-11.3210, -20.6090

■ 100.4410,  
-43.9090, -79.8210

■ 154.5010, -6.3250,  
-12.0290

■ 96.7240, -46.3840,  
-84.5280

■ 161.1090, -1.9250,  
-3.6610

■ 167.7170, 2.4750,  
4.7070

■ 174.6240, 7.4710,  
13.2870

■ 181.2320, 11.8710,  
21.6550

■ 188.1390, 16.8670,  
30.2350

# Harmonies

## Analogous

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



136.2200, 27.0580, -38.8460



127.4710, -25.1170, -45.9250



113.6810, -87.2420, -48.8900

# Triad

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



127.4710, -25.1170, -45.9250



119.7300, -122.1870, -4.7710



143.0430, 78.6710, 33.5110

# Complementary

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



127.4710, -25.1170, -45.9250



111.5290, 25.1170, 45.9250

# 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.



146.1660, 56.9360, 47.4640



127.4710, -25.1170, -45.9250



144.1640, -46.1750, 27.3690

# Square

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



127.4710, -25.1170, -45.9250



122.9780, -117.5540, -17.1540



150.1410, 14.5260, 45.1340



142.6950, 78.6300, 6.7100



# Rectangle

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



127.4710, -25.1170, -45.9250



118.3720, -99.0730, -38.2170



150.1410, 14.5260, 45.1340



143.8070, 73.7640, 39.8440

# Sweetspot

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



127.4710, -25.1170, -45.9250



200.0720, -9.6710, -17.4710



153.5550, 27.9730, -27.8910



98.7400, -5.5000, -10.4600



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000



# Same Dimension

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



127.4710, -25.1170, -45.9250



156.9350, -39.1880, -71.7640



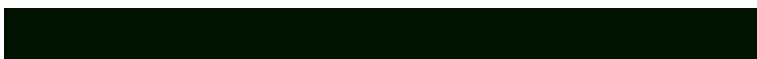
132.4870, -39.2410, -32.2410



78.3970, -2.7960, -4.3960



85.4570, -40.8380, -74.9020



10.5660, -4.9500, -9.4140



# Inverse Universe

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



111.5290, 25.1170, 45.9250



132.0650, 39.1880, 71.7640



106.5130, 39.2410, 32.2410



76.6030, 2.7960, 4.3960



59.5430, 40.8380, 74.9020



7.3200, 5.2710, 9.1030



# Previews

## White Background



This preview shows how the YIQ color 127.4710, -25.1170, -45.9250 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 127.4710, -25.1170, -45.9250 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 127.4710, -25.1170, -45.9250 Background



This preview shows how black text looks on a background with the YIQ color 127.4710, -25.1170, -45.9250.



This preview shows how white text looks on a background with the YIQ color 127.4710, -25.1170,

-45.9250.

# 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

127.4710, -25.1170, -45.9250

### Protanopia

141.0490, 32.6940, -19.8340

### Deuteranopia

143.2060, 39.9820, -8.7380



## Tritanopia

137.8410, -39.3370, -8.4650

# Trichromacy



## Original Color

127.4710, -25.1170, -45.9250

## Protanomaly

136.1170, 11.6510, -29.4450

## Deuteranomaly

137.0840, 16.4180, -22.2220

## Tritanomaly

134.3340, -34.0160, -22.3040

# Monochromacy



## Original Color

127.4710, -25.1170, -45.9250

## Achromatopsia

127.0000, -0.0000, -0.0000

## Achromatomaly

126.8980, -9.1210, -16.4250

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 127.4710, -25.1170, -45.9250 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(75, 164, 77)` looks like.

```
.text, #text, p{  
    color:rgb(75, 164, 77)  
}
```

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(75, 164, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 164, 77) }
```

## Border

The CSS property to change the border of an element to YIQ 127.4710, -25.1170, -45.9250 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(75, 164, 77) }
```



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

```
.border{ border-color:rgb(75, 164, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 164, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 164, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 164, 77);  
box-shadow:4px 4px 4px 4px rgb(75, 164,  
77) }
```

# Background

The CSS property to change the background color of an element to YIQ 127.4710, -25.1170, -45.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 164, 77) }
```

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

```
.background{ background-color: rgb(75, 164,  
77) }
```

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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