

Converting Colors

YIQ(135.6080, -24.2450,
-50.7170)

Have a look what the booklet for
YIQ(135.6080, -24.2450, -50.7170)
contains.

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Color

**YIQ(135.6080, -24.2450,
-50.7170)**

Conversions

Conversions Part 1

Format	Color
Hex	51AF4C
RGB	81, 175, 76
RGB Percent	32%, 69%, 30%
CMY	0.6826, 0.3136, 0.7020
CMYK	0.54, 0.00, 0.57, 0.31
HSL	117°, 39%, 49%
HSV	117°, 57%, 69%
XYZ	20.0291, 32.9431, 12.1396
YIQ	135.6080, -24.2450, -50.7170

Conversions

Conversions Part 2

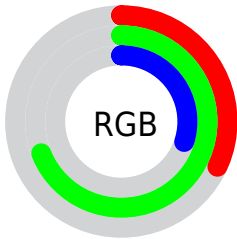
Format	Color
RYB	76, 175, 170
Decimal	5353292
CIELab	64.11, -47.78, 41.87
CIELCh	64, 63.532, 138.774
Yxy	32.9431, 0.3076, 0.5059
Android (android.graphics.Color)	4283543372 (0xFF51AF4C)
YUV	135.6080, -29.3867, -47.8912
Hunter-Lab	57.3961, -38.1534, 27.6371

Details

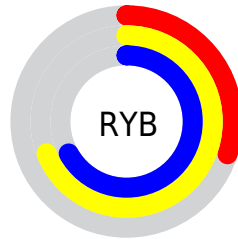
The YIQ color **135.6080, -24.2450, -50.7170** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **115.3920, 24.2450, 50.7170**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4510, -22.3650, -51.7490**, and **76.5680, -35.9360, -53.6000** is the 20% darker color. If you saturate the color by 10%, you get **128.4730, -28.5990, -59.9190**, and if you desaturate by 10%, it is **142.7430, -19.8910, -41.5150**.

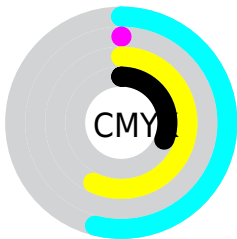
Distribution



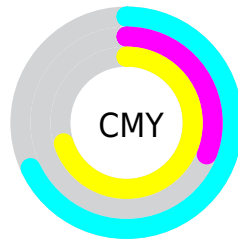
- Red (32%)
- Green (69%)
- Blue (30%)



- Red (30%)
- Yellow (69%)
- Blue (67%)



- Cyan (54%)
- Magenta (0%)
- Yellow (57%)
- Black (31%)



- Cyan (68%)
- Magenta (31%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.6080, -24.2450, -50.7170 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 135.6080, -24.2450, -50.7170 by changing the saturation by 10% instead.

■ 135.6080,
-24.2450, -50.7170

■ 135.6080,
-24.2450, -50.7170

■ 255.0000, -0.0000,
-0.0000

■ 107.9390,
-26.6750, -50.7310

■ 191.4510,
-22.3650, -51.7490

■ 76.5680, -35.9360,
-53.6000

■ 216.8750,
-20.6230, -50.2790

■ 56.3520, -26.4000,
-50.2080

■ 228.7380,
-12.3270, -35.4230

■ 41.6770, -19.5250,
-37.1330

■ 240.6010, -4.0310,
-20.5670

■ 28.1760, -13.2000,
-25.1040

■ 252.8770, 4.5400,
-5.1880

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,

0.0000

■ 135.6080,
-24.2450, -50.7170

■ 135.6080,
-24.2450, -50.7170

■ 128.4730,
-28.5990, -59.9190

■ 142.7430,
-19.8910, -41.5150

■ 121.7510,
-32.6780, -68.5980

■ 149.4650,
-15.8120, -32.8360

■ 114.6160,
-37.0320, -77.8000

■ 156.6000,
-11.4580, -23.6340

■ 107.5950,
-41.7070, -86.6910

■ 163.3220, -7.3790,
-14.9550

■ 105.4160,
-42.7610, -89.6170

■ 170.4570, -3.0250,
-5.7530

■ 177.4780, 1.6500,
3.1380

■ 184.3140, 5.4080,
12.1280

■ 191.3350, 10.0830,
21.0190

■ 198.4700, 14.4370,
30.2210

Harmonies

Analogous

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



144.2930, 33.9820, -43.1860



135.6080, -24.2450, -50.7170



121.1810, -91.8260, -53.9220

Triad

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



135.6080, -24.2450, -50.7170



127.6860, -128.0550, -8.5590



150.6140, 84.4930, 38.1330

Complementary

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



135.6080, -24.2450, -50.7170



115.3920, 24.2450, 50.7170

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.



155.3070, 61.1530, 53.6410



135.6080, -24.2450, -50.7170



150.9180, -54.2900, 25.7580

Square

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



135.6080, -24.2450, -50.7170



132.4330, -126.2650, -18.9770



160.4060, 12.4620, 49.5020



151.4680, 86.6990, 9.1550

Rectangle

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



135.6080, -24.2450, -50.7170



126.3280, -104.9410, -42.0050



160.4060, 12.4620, 49.5020



151.6060, 78.9440, 45.0880

Sweetspot

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



135.6080, -24.2450, -50.7170



211.4910, -9.5330, -19.9730



160.7790, 33.1540, -28.1740



105.8000, -5.7290, -11.8170



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



135.6080, -24.2450, -50.7170



165.4910, -38.1780, -79.0580



139.2430, -41.6700, -37.7820



83.2830, -2.4750, -4.7070



90.1430, -37.0780, -76.9660



13.8000, -5.7290, -11.8170

Inverse Universe

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



115.3920, 24.2450, 50.7170



134.2100, 37.5820, 78.8460



111.7570, 41.6700, 37.7820



81.4180, 1.8790, 4.4950



59.8570, 37.0780, 76.9660



9.2000, 5.7290, 11.8170

Previews

White Background



This preview shows how the YIQ color 135.6080, -24.2450, -50.7170 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 135.6080, -24.2450, -50.7170 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.6080, -24.2450, -50.7170 Background



This preview shows how black text looks on a background with the YIQ color 135.6080, -24.2450, -50.7170.



This preview shows how white text looks on a background with the YIQ color 135.6080, -24.2450, -50.7170.

-50.7170.

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

135.6080, -24.2450, -50.7170

Protanopia

150.0940, 36.8210, -23.0430

Deuteranopia

152.3760, 45.2550, -10.6890



Tritanopia

147.3570, -40.8500, -8.5780

Trichromacy



Original Color

135.6080, -24.2450, -50.7170

Protanomaly

144.5640, 14.5860, -33.0780

Deuteranomaly

146.2430, 20.2240, -25.1200

Tritanomaly

143.0950, -34.8410, -23.8730

Monochromacy



Original Color

135.6080, -24.2450, -50.7170

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.7300, -8.7080, -18.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.6080, -24.2450, -50.7170 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(81, 175, 76)` looks like.

```
.text, #text, p{  
    color:rgb(81, 175, 76)  
}
```

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(81, 175, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 175, 76) }
```

Border

The CSS property to change the border of an element to YIQ 135.6080, -24.2450, -50.7170 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(81, 175, 76) }
```


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

```
.border{ border-color:rgb(81, 175, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 175, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 175, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 175, 76);  
box-shadow:4px 4px 4px 4px rgb(81, 175,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 135.6080, -24.2450, -50.7170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 175, 76) }
```

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

```
.background{ background-color: rgb(81, 175,  
76) }
```

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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