

Converting Colors

YIQ(138.1180, -25.6210,
-47.8050)

Have a look what the booklet for
YIQ(138.1180, -25.6210, -47.8050)
contains.

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Color

**YIQ(138.1180, -25.6210,
-47.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	54B055
RGB	84, 176, 85
RGB Percent	33%, 69%, 33%
CMY	0.6709, 0.3096, 0.6667
CMYK	0.52, 0.00, 0.52, 0.31
HSL	121°, 37%, 51%
HSV	121°, 52%, 69%
XYZ	20.8221, 33.6031, 13.9813
YIQ	138.1180, -25.6210, -47.8050

Conversions

Conversions Part 2

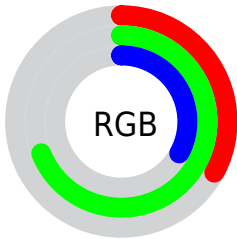
Format	Color
RYB	84, 175, 176
Decimal	5550165
CIELab	64.65, -46.20, 38.15
CIELCh	65, 59.911, 140.454
Yxy	33.6031, 0.3044, 0.4912
Android (android.graphics.Color)	4283740245 (0xFF54B055)
YUV	138.1180, -26.1872, -47.4615
Hunter-Lab	57.9682, -37.3272, 26.2776

Details

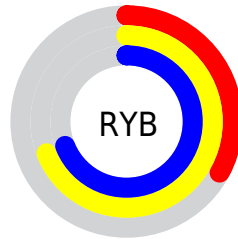
The YIQ color **138.1180, -25.6210, -47.8050** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **121.8820, 25.6210, 47.8050**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.6620, -24.3370, -49.0490**, and **81.1000, -34.3780, -48.7940** is the 20% darker color. If you saturate the color by 10%, you get **130.7980, -30.8920, -56.9080**, and if you desaturate by 10%, it is **145.4380, -20.3500, -38.7020**.

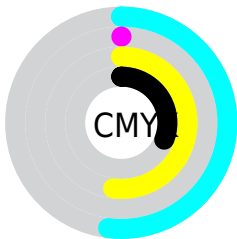
Distribution



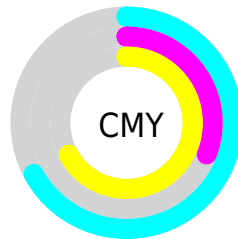
- Red (33%)
- Green (69%)
- Blue (33%)



- Red (33%)
- Yellow (69%)
- Blue (69%)



- Cyan (52%)
- Magenta (0%)
- Yellow (52%)
- Black (31%)



- Cyan (67%)
- Magenta (31%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.1180, -25.6210, -47.8050 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 138.1180, -25.6210, -47.8050 by changing the saturation by 10% instead.

■ 138.1180,
-25.6210, -47.8050

■ 138.1180,
-25.6210, -47.8050

■ 255.0000, -0.0000,
-0.0000

■ 110.7480,
-27.4550, -47.6070

■ 193.6620,
-24.3370, -49.0490

■ 80.9860, -34.0570,
-49.1050

■ 218.4990,
-22.3200, -47.0560

■ 57.8510, -29.2430,
-48.2430

■ 230.3620,
-14.0240, -32.2000

■ 42.2640, -19.8000,
-37.6560

■ 242.2250, -5.7280,
-17.3440

■ 28.7630, -13.4750,
-25.6270

■ 254.2020, 2.2470,
-2.1770

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,

0.0000

■ 138.1180,
-25.6210, -47.8050

■ 138.1180,
-25.6210, -47.8050

■ 130.7980,
-30.8920, -56.9080

■ 145.4380,
-20.3500, -38.7020

■ 123.6630,
-35.2460, -66.1100

■ 152.5730,
-15.9960, -29.5000

■ 116.3430,
-40.5170, -75.2130

■ 159.8930,
-10.7250, -20.3970

■ 109.2080,
-44.8710, -84.4150

■ 167.0280, -6.3710,
-11.1950

■ 103.5400,
-49.0420, -91.4260

■ 174.3480, -1.1000,
-2.0920

■ 181.6680, 4.1710,
7.0110

■ 188.8030, 8.5250,
16.2130

■ 196.1230, 13.7960,
25.3160

■ 203.2580, 18.1500,
34.5180

Harmonies

Analogous

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



147.0630, 28.9380, -39.8780



138.1180, -25.6210, -47.8050



122.4520, -94.0270, -52.5790

Triad

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



138.1180, -25.6210, -47.8050



127.6860, -128.0550, -8.5590



154.5380, 81.6510, 34.5710

Complementary

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



138.1180, -25.6210, -47.8050



121.8820, 25.6210, 47.8050

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.



157.3020, 59.5490, 49.6690



138.1180, -25.6210, -47.8050



155.0930, -47.4130, 27.7790

Square

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



138.1180, -25.6210, -47.8050



131.6180, -125.3480, -19.0760



161.6080, 14.7090, 47.3250



153.9620, 82.2520, 7.1480

Rectangle

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



138.1180, -25.6210, -47.8050



127.3710, -106.5000, -41.2840



161.6080, 14.7090, 47.3250



155.0140, 77.6150, 41.6390

Sweetspot

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



138.1180, -25.6210, -47.8050



214.7190, -10.1750, -19.3510



165.5120, 29.5320, -28.6120



105.9140, -6.0500, -11.5060



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.



138.1180, -25.6210, -47.8050



170.3430, -40.5170, -75.2130



143.2480, -40.0660, -33.8100



85.2830, -2.4750, -4.7070



90.0390, -42.7170, -79.3970



15.2620, -7.1500, -13.5980

Inverse Universe

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



121.8820, 25.6210, 47.8050



144.6570, 40.5170, 75.2130



116.7520, 40.0660, 33.8100



83.7170, 2.4750, 4.7070



62.9610, 42.7170, 79.3970



10.6240, 7.4710, 13.2870

Previews

White Background



This preview shows how the YIQ color 138.1180, -25.6210, -47.8050 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 138.1180, -25.6210, -47.8050 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 138.1180, -25.6210, -47.8050 Background



This preview shows how black text looks on a background with the YIQ color 138.1180, -25.6210, -47.8050.



This preview shows how white text looks on a background with the YIQ color 138.1180, -25.6210, -47.8050.

-47.8050.

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

138.1180, -25.6210, -47.8050

Protanopia

151.8920, 34.5740, -20.8660

Deuteranopia

154.4620, 42.1370, -9.2470



Tritanopia

149.2430, -40.5290, -8.8890

Trichromacy



Original Color

138.1180, -25.6210, -47.8050

Protanomaly

146.7750, 12.6140, -30.3780

Deuteranomaly

148.6280, 17.7020, -23.4660

Tritanomaly

145.3230, -35.4830, -23.2510

Monochromacy



Original Color

138.1180, -25.6210, -47.8050

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0720, -9.6710, -17.4710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.1180, -25.6210, -47.8050 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(84, 176, 85)` looks like.

```
.text, #text, p{  
    color:rgb(84, 176, 85)  
}
```

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(84, 176, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 176, 85) }
```

Border

The CSS property to change the border of an element to YIQ 138.1180, -25.6210, -47.8050 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(84, 176, 85) }
```


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

```
.border{ border-color:rgb(84, 176, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 176, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 176, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 176, 85);  
box-shadow:4px 4px 4px 4px rgb(84, 176,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 138.1180, -25.6210, -47.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 176, 85) }
```

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

```
.background{ background-color: rgb(84, 176,  
85) }
```

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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