

Converting Colors

YIQ(162.2620, -43.8220,
-53.8540)

Have a look what the booklet for
YIQ(162.2620, -43.8220, -53.8540)
contains.

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Color

**YIQ(162.2620, -43.8220,
-53.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	57D177
RGB	87, 209, 119
RGB Percent	34%, 82%, 47%
CMY	0.6592, 0.1802, 0.5334
CMYK	0.58, 0.00, 0.43, 0.18
HSL	136°, 57%, 58%
HSV	136°, 58%, 82%
XYZ	30.0634, 48.9792, 25.3138
YIQ	162.2620, -43.8220, -53.8540

Conversions

Conversions Part 2

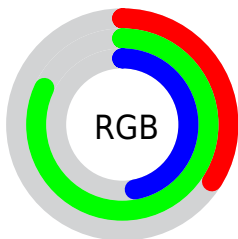
Format	Color
RYB	87, 184, 209
Decimal	5755255
CIELab	75.44, -53.46, 34.67
CIELCh	75, 63.719, 147.032
Yxy	48.9792, 0.2881, 0.4693
Android (android.graphics.Color)	4283945335 (0xFF57D177)
YUV	162.2620, -21.3282, -66.0048
Hunter-Lab	69.9852, -45.7961, 27.5443

Details

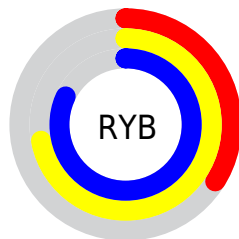
The YIQ color **162.2620, -43.8220, -53.8540** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **133.7380, 43.8220, 53.8540**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.9470, -38.3210, -48.9210**, and **97.6770, -64.2240, -58.5600** is the 20% darker color. If you saturate the color by 10%, you get **154.2730, -51.5230, -62.9710**, and if you desaturate by 10%, it is **170.2510, -36.1210, -44.7370**.

Distribution



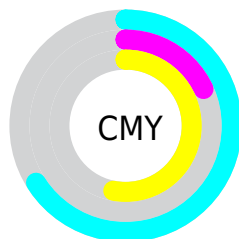
- Red (34%)
- Green (82%)
- Blue (47%)



- Red (34%)
- Yellow (72%)
- Blue (82%)



- Cyan (58%)
- Magenta (0%)
- Yellow (43%)
- Black (18%)



- Cyan (66%)
- Magenta (18%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.2620, -43.8220, -53.8540 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 162.2620, -43.8220, -53.8540 by changing the saturation by 10% instead.

■ 162.2620,
-43.8220, -53.8540

■ 162.2620,
-43.8220, -53.8540

■ 255.0000, -0.0000,
-0.0000

■ 132.9950,
-47.4440, -54.2920

■ 212.9470,
-38.3210, -48.9210

■ 97.6770, -64.2240,
-58.5600

■ 225.1090,
-29.4290, -33.8530

■ 79.6790, -49.3700,
-52.4260

■ 236.9720,
-21.1330, -18.9970

■ 61.5670, -34.1950,
-46.6030

■ 249.0200,
-11.9200, -4.2400

■ 44.6120, -20.9000,
-39.7480

■ 30.5240, -14.3000,
-27.1960

■ 16.4360, -7.7000,

-14.6440

■ 0.0000, 0.0000,
0.0000

■ 162.2620,
-43.8220, -53.8540

■ 162.2620,
-43.8220, -53.8540

■ 154.2730,
-51.5230, -62.9710

■ 170.2510,
-36.1210, -44.7370

■ 146.1700,
-58.9030, -72.3990

■ 178.3540,
-28.7410, -35.3090

■ 138.1810,
-66.6040, -81.5160

■ 186.3430,
-21.0400, -26.1920

■ 130.0780,
-73.9840, -90.9440

■ 194.4460,
-13.6600, -16.7640

■ 128.9530,
-75.1300, -92.2020

■ 202.1360, -6.5550,
-7.8590

■ 210.1250, 1.1460,
1.2580

■ 218.2280, 8.5260,
10.6860

■ 226.2170, 16.2270,
19.8030

■ 227.9980, 12.6500,
24.0580

Harmonies

Analogous

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



173.9970, 20.1360, -45.5600



162.2620, -43.8220, -53.8540



145.9100, -115.9880, -56.5640

Triad

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



162.2620, -43.8220, -53.8540



142.9480, -135.2050, -22.1570



172.7550, 70.3740, 24.1820

Complementary

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



162.2620, -43.8220, -53.8540



133.7380, 43.8220, 53.8540

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.



176.4320, 53.1310, 44.8350



162.2620, -43.8220, -53.8540



183.8430, -23.3420, 26.5620

Square

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



162.2620, -43.8220, -53.8540



151.1660, -139.0550, -29.4790



190.8380, 28.9210, 54.0810



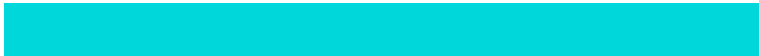
178.9090, 80.6030, -1.5170

Rectangle

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



162.2620, -43.8220, -53.8540



151.0570, -129.1030, -44.6470



190.8380, 28.9210, 54.0810



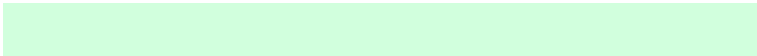
172.5730, 65.3750, 32.1830

Sweetspot

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



162.2620, -43.8220, -53.8540



237.3700, -16.5020, -20.3260



186.1220, 21.2820, -44.3020



116.9350, -10.5430, -12.6790



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



162.2620, -43.8220, -53.8540



186.7300, -63.7160, -78.7880



169.1020, -63.0820, -35.1940



100.7990, -3.9880, -4.8200



103.6320, -60.3240, -74.1800



25.3210, -14.8060, -18.0220

Inverse Universe

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



133.7380, 43.8220, 53.8540



145.1560, 64.0370, 78.4770



126.8980, 63.0820, 35.1940



98.2010, 3.9880, 4.8200



64.3680, 60.3240, 74.1800



15.6790, 14.8060, 18.0220

Previews

White Background



This preview shows how the YIQ color 162.2620, -43.8220, -53.8540 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 162.2620, -43.8220, -53.8540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

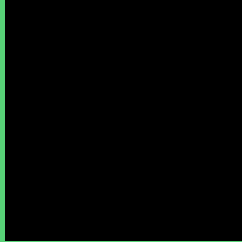
Any Text WCAG AA ✓ Pass

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 162.2620, -43.8220, -53.8540 Background



This preview shows how black text looks on a background with the YIQ color 162.2620, -43.8220, -53.8540.



This preview shows how white text looks on a background with the YIQ color 162.2620, -43.8220, -53.8540.

-53.8540.

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

162.2620, -43.8220, -53.8540

Protanopia

180.9460, 34.4820, -19.1980

Deuteranopia

183.5700, 41.9530, -5.9110



Tritanopia

174.4090, -55.7960, -13.0440

Trichromacy



Original Color

162.2620, -43.8220, -53.8540



Protanomaly

174.0130, 6.0120, -31.8760



Deuteranomaly

175.9200, 11.0080, -23.2960



Tritanomaly

170.0760, -51.0250, -27.9290

Monochromacy



Original Color

162.2620, -43.8220, -53.8540



Achromatopsia

162.0000, -0.0000, 0.0000



Achromatomaly

162.0820, -15.6310, -19.5910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.2620, -43.8220, -53.8540 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(87, 209, 119)` looks like.

```
.text, #text, p{  
    color:rgb(87, 209, 119)  
}
```

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(87, 209, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 209, 119) }
```

Border

The CSS property to change the border of an element to YIQ 162.2620, -43.8220, -53.8540 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(87, 209, 119) }
```


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

```
.border{ border-color:rgb(87, 209, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 209, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 209, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 209, 119);  
box-shadow:4px 4px 4px 4px rgb(87, 209,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 162.2620, -43.8220, -53.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 209, 119) }
```

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

```
.background{ background-color: rgb(87, 209,  
119) }
```

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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