

Converting Colors

YIQ(147.8430, -26.7650,
-60.1170)

Have a look what the booklet for
YIQ(147.8430, -26.7650, -60.1170)
contains.

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Color

**YIQ(147.8430, -26.7650,
-60.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	55C24B
RGB	85, 194, 75
RGB Percent	33%, 76%, 29%
CMY	0.6670, 0.2390, 0.7059
CMYK	0.56, 0.00, 0.61, 0.24
HSL	115°, 49%, 53%
HSV	115°, 61%, 76%
XYZ	24.3104, 41.0391, 13.2960
YIQ	147.8430, -26.7650, -60.1170

Conversions

Conversions Part 2

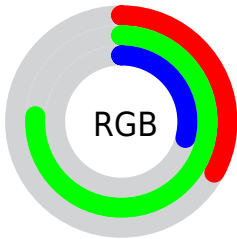
Format	Color
RYB	75, 194, 184
Decimal	5620299
CIELab	70.20, -54.18, 49.40
CIELCh	70, 73.322, 137.641
Yxy	41.0391, 0.3091, 0.5218
Android (android.graphics.Color)	4283810379 (0xFF55C24B)
YUV	147.8430, -35.9116, -55.1133
Hunter-Lab	64.0618, -44.3703, 32.5376

Details

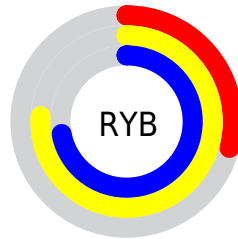
The YIQ color **147.8430, -26.7650, -60.1170** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **121.1570, 26.7650, 60.1170**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9850, -24.2890, -60.9370**, and **84.0580, -43.7280, -66.5760** is the 20% darker color. If you saturate the color by 10%, you get **140.2950, -31.3940, -69.8420**, and if you desaturate by 10%, it is **155.3910, -22.1360, -50.3920**.

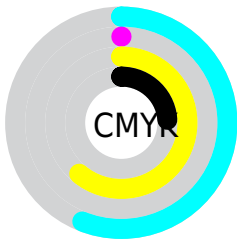
Distribution



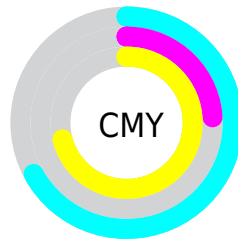
- Red (33%)
- Green (76%)
- Blue (29%)



- Red (29%)
- Yellow (76%)
- Blue (72%)



- Cyan (56%)
- Magenta (0%)
- Yellow (61%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.8430, -26.7650, -60.1170 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 147.8430, -26.7650, -60.1170 by changing the saturation by 10% instead.

■ 147.8430,
-26.7650, -60.1170

■ 147.8430,
-26.7650, -60.1170

■ 255.0000, -0.0000,
-0.0000

■ 118.8750,
-29.7910, -60.3430

■ 204.9850,
-24.2890, -60.9370

■ 84.0580, -43.7280,
-66.5760

■ 219.0820,
-16.7720, -48.4840

■ 66.3310, -31.0750,
-59.0990

■ 230.9450, -8.4760,
-33.6280

■ 51.0690, -23.9250,
-45.5010

■ 243.1070, 0.4160,
-18.5600

■ 36.9810, -17.3250,
-32.9490

■ 253.2900, 4.8150,
-4.6650

■ 23.4800, -11.0000,
-20.9200

■ 0.5870, -0.2750,

-0.5230

■ 0.0000, 0.0000,
0.0000

■ 147.8430,
-26.7650, -60.1170

■ 147.8430,
-26.7650, -60.1170

■ 140.2950,
-31.3940, -69.8420

■ 155.3910,
-22.1360, -50.3920

■ 132.6330,
-35.7020, -79.8780

■ 162.7540,
-18.4240, -40.5680

■ 125.3840,
-39.7350, -89.3910

■ 170.3020,
-13.7950, -30.8430

■ 118.6620,
-43.8140, -98.0700

■ 177.9640, -9.4870,
-20.8070

■ 185.5120, -4.8580,
-11.0820

■ 193.0600, -0.2290,
-1.3570

■ 200.4230, 3.4830,
8.4670

■ 207.9710, 8.1120,
18.1920

■ 215.6330, 12.4200,
28.2280

Harmonies

Analogous

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



157.3030, 45.2170, -54.0710



147.8430, -26.7650, -60.1170



134.0610, -100.5360, -61.2720

Triad

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



147.8430, -26.7650, -60.1170



138.8390, -133.2800, -18.4960



154.4440, 79.2200, 40.0840

Complementary

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



147.8430, -26.7650, -60.1170



121.1570, 26.7650, 60.1170

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.



163.2560, 57.1630, 59.8750



147.8430, -26.7650, -60.1170



160.2990, -60.1570, 16.4430

Square

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



147.8430, -26.7650, -60.1170



145.8830, -136.5800, -24.7720



175.8780, 14.2490, 55.6650



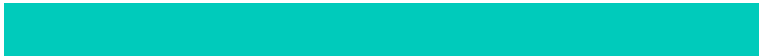
160.9910, 92.4760, 9.0840

Rectangle

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



147.8430, -26.7650, -60.1170



140.4790, -115.8520, -48.0120



175.8780, 14.2490, 55.6650



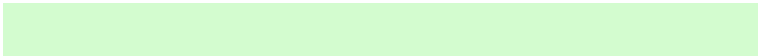
155.1910, 72.9830, 48.4950

Sweetspot

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



147.8430, -26.7650, -60.1170



234.6110, -9.9910, -22.6870



174.5640, 40.9490, -31.7790



116.9200, -6.1870, -14.5310



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.



147.8430, -26.7650, -60.1170



179.6670, -42.2100, -94.0980



150.5530, -48.7750, -46.6870



93.1690, -2.1540, -5.0180



98.3940, -36.5270, -81.4470



20.2680, -7.2870, -16.6230

Inverse Universe

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



121.1570, 26.7650, 60.1170



138.3330, 42.2100, 94.0980



118.4470, 48.7750, 46.6870



90.8310, 2.1540, 5.0180



62.3070, 35.9310, 81.2350



12.7320, 7.2870, 16.6230

Previews

White Background



This preview shows how the YIQ color 147.8430, -26.7650, -60.1170 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 147.8430, -26.7650, -60.1170 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 147.8430, -26.7650, -60.1170 Background



This preview shows how black text looks on a background with the YIQ color 147.8430, -26.7650, -60.1170.



This preview shows how white text looks on a background with the YIQ color 147.8430, -26.7650, -60.1170.

-60.1170.

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

147.8430, -26.7650, -60.1170

Protanopia

164.9390, 44.3870, -28.0050

Deuteranopia

167.4600, 53.6460, -14.0820



Tritanopia

162.4810, -47.1310, -10.3870

Trichromacy



Original Color

147.8430, -26.7650, -60.1170



Protanomaly

158.6150, 18.5760, -39.3120



Deuteranomaly

160.7070, 24.4890, -30.8310



Tritanomaly

157.1220, -39.4710, -28.0710

Monochromacy



Original Color

147.8430, -26.7650, -60.1170



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

148.0240, -9.7160, -22.1640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.8430, -26.7650, -60.1170 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(85, 194, 75)` looks like.

```
.text, #text, p{  
    color:rgb(85, 194, 75)  
}
```

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(85, 194, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 194, 75) }
```

Border

The CSS property to change the border of an element to YIQ 147.8430, -26.7650, -60.1170 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(85, 194, 75) }
```


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

```
.border{ border-color:rgb(85, 194, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 194, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 194, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 194, 75);  
box-shadow:4px 4px 4px 4px rgb(85, 194,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 147.8430, -26.7650, -60.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 194, 75) }
```

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

```
.background{ background-color: rgb(85, 194,  
75) }
```

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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