

Converting Colors

YIQ(175.7230, 26.4190,
-54.8050)

Have a look what the booklet for
YIQ(175.7230, 26.4190, -54.8050)
contains.

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Color

**YIQ(175.7230, 26.4190,
-54.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	A7CC35
RGB	167, 204, 53
RGB Percent	65%, 80%, 21%
CMY	0.3453, 0.1999, 0.7919
CMYK	0.18, 0.00, 0.74, 0.20
HSL	75°, 60%, 50%
HSV	75°, 74%, 80%
XYZ	38.1669, 51.6609, 11.3349
YIQ	175.7230, 26.4190, -54.8050

Conversions

Conversions Part 2

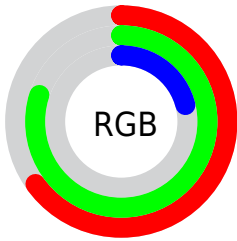
Format	Color
RYB	53, 204, 90
Decimal	10996789
CIELab	77.08, -32.32, 66.39
CIELCh	77, 73.841, 115.953
Yxy	51.6609, 0.3773, 0.5107
Android (android.graphics.Color)	4289186869 (0xFFA7CC35)
YUV	175.7230, -60.5024, -7.6501
Hunter-Lab	71.8755, -30.9962, 40.9627

Details

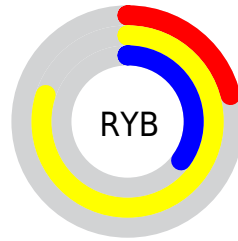
The YIQ color **175.7230, 26.4190, -54.8050** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **81.2770, -26.4190, 54.8050**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.5000, 28.6650, -51.4550**, and **121.2390, 24.9060, -54.9180** is the 20% darker color. If you saturate the color by 10%, you get **171.9480, 29.8590, -62.0850**, and if you desaturate by 10%, it is **179.4980, 22.9790, -47.5250**.

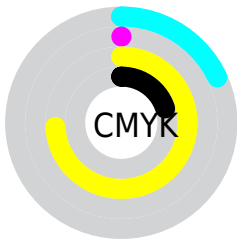
Distribution



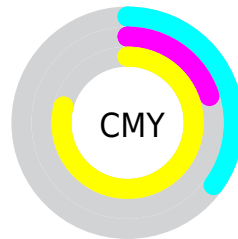
- Red (65%)
- Green (80%)
- Blue (21%)



- Red (21%)
- Yellow (80%)
- Blue (35%)



- Cyan (18%)
- Magenta (0%)
- Yellow (74%)
- Black (20%)



- Cyan (35%)
- Magenta (20%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.7230, 26.4190, -54.8050 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 175.7230, 26.4190, -54.8050 by changing the saturation by 10% instead.


 175.7230, 26.4190,
-54.8050


 175.7230, 26.4190,
-54.8050


255.0000, -0.0000,
-0.0000

 147.2840, 29.0330,
-58.1270

 229.5000, 28.6650,
-51.4550


 121.2390, 24.9060,
-54.9180


 241.6620, 37.5570,
-36.3870

 97.6050, 15.3680,
-47.2560


 244.8540, 28.5690,
-27.6790

 74.8570, 6.1510,
-39.9050

 248.1600, 19.2600,
-18.6600

 51.7990, -5.1290,
-33.7130

 251.4660, 9.9510,
-9.6410

 29.9370, -14.0250,
-26.6730

254.7720, 0.6420,

 18.7840, -8.8000,

-0.6220

-16.7360

■ 0.0000, 0.0000,
0.0000

■ 175.7230, 26.4190,
-54.8050

■ 175.7230, 26.4190,
-54.8050

■ 171.9480, 29.8590,
-62.0850

■ 179.4980, 22.9790,
-47.5250

■ 168.0590, 33.6200,
-69.6760

■ 183.3870, 19.2180,
-39.9340

■ 165.7940, 35.6840,
-74.0440

■ 187.1620, 15.7780,
-32.6540

■ 191.0510, 12.0170,
-25.0630

■ 194.8260, 8.5770,
-17.7830

■ 198.6010, 5.1370,
-10.5030

■ 202.4900, 1.3760,
-2.9120

■ 206.2650, -2.0640,
4.3680

■ 210.1540, -5.8250,
11.9590

Harmonies

Analogous

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



181.6650, 77.0330, -35.9510



175.7230, 26.4190, -54.8050



159.9630, -53.5860, -64.1300

Triad

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



175.7230, 26.4190, -54.8050



155.8620, -141.2550, -33.6630



172.7620, 52.4420, 51.8180

Complementary

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



175.7230, 26.4190, -54.8050



81.2770, -26.4190, 54.8050

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.



191.0170, 29.9750, 57.0070



175.7230, 26.4190, -54.8050



147.0570, -137.1300, -25.8180

Square

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



175.7230, 26.4190, -54.8050



158.5860, -140.6580, -38.9780



184.4080, -26.5510, 24.1450



168.5320, 72.6200, 27.5320

Rectangle

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



175.7230, 26.4190, -54.8050



147.3970, -110.5300, -67.3780



184.4080, -26.5510, 24.1450



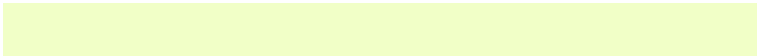
178.2050, 44.0050, 56.0450

Sweetspot

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



175.7230, 26.4190, -54.8050



244.4300, 9.6320, -20.3840



118.6940, 80.3710, 13.7070



121.4330, 5.5500, -12.4820



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.



175.7230, 26.4190, -54.8050



212.3780, 39.4910, -82.4690



153.5970, -17.6850, -70.4930



99.9630, 1.4220, -3.7460



134.8170, 28.8500, -60.3180



30.9770, 6.8340, -13.7260

Inverse Universe

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



81.2770, -26.4190, 54.8050



70.6220, -39.4910, 82.4690



103.4030, 17.6850, 70.4930



93.7380, -2.0180, 3.5340



31.1830, -28.8500, 60.3180



7.0230, -6.8340, 13.7260

Previews

White Background



This preview shows how the YIQ color 175.7230, 26.4190, -54.8050 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 175.7230, 26.4190, -54.8050 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 175.7230, 26.4190, -54.8050

Background



This preview shows how black text looks on a background with the YIQ color 175.7230, 26.4190, -54.8050.



This preview shows how white text looks on a background with the YIQ color 175.7230, 26.4190,

-54.8050.

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

175.7230, 26.4190, -54.8050

Protanopia

180.9170, 58.6480, -38.6640

Deuteranopia

183.7050, 71.5290, -24.3030



Tritanopia

189.6170, -8.9870, 3.1810

Trichromacy



Original Color

175.7230, 26.4190, -54.8050

Protanomaly

178.8830, 46.8200, -44.5720

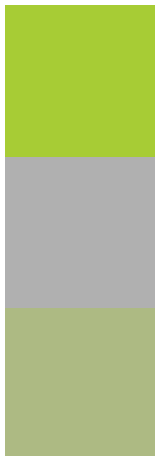
Deuteranomaly

181.0570, 55.4380, -35.5540

Tritanomaly

184.4880, 3.7170, -17.8110

Monochromacy



Original Color

175.7230, 26.4190, -54.8050

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.8430, 9.9070, -19.8610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.7230, 26.4190, -54.8050 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(167, 204, 53)` looks like.

```
.text, #text, p{  
    color:rgb(167, 204, 53)  
}
```

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(167, 204, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 204, 53) }
```

Border

The CSS property to change the border of an element to YIQ 175.7230, 26.4190, -54.8050 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(167, 204, 53) }
```


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

```
.border{ border-color:rgb(167, 204, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 204, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 204, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 204, 53);  
box-shadow:4px 4px 4px 4px rgb(167, 204,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 175.7230, 26.4190, -54.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 204, 53) }
```

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

```
.background{ background-color: rgb(167,  
204, 53) }
```

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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