

Converting Colors

YIQ(170.6070, 21.0540,
-51.1860)

Have a look what the booklet for
YIQ(170.6070, 21.0540, -51.1860)
contains.

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Color

**YIQ(170.6070, 21.0540,
-51.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC63C
RGB	159, 198, 60
RGB Percent	62%, 78%, 24%
CMY	0.3767, 0.2234, 0.7645
CMYK	0.20, 0.00, 0.70, 0.22
HSL	77°, 55%, 51%
HSV	77°, 70%, 78%
XYZ	35.3037, 48.0885, 11.7030
YIQ	170.6070, 21.0540, -51.1860

Conversions

Conversions Part 2

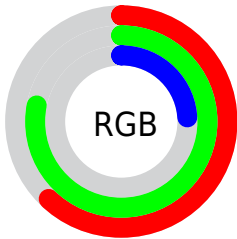
Format	Color
RYB	60, 198, 99
Decimal	10470972
CIELab	74.88, -32.31, 61.60
CIELCh	75, 69.559, 117.679
Yxy	48.0885, 0.3712, 0.5057
Android (android.graphics.Color)	4288661052 (0xFF9FC63C)
YUV	170.6070, -54.5293, -10.1793
Hunter-Lab	69.3459, -30.4817, 38.5362

Details

The YIQ color **170.6070, 21.0540, -51.1860** 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 **87.3930, -21.0540, 51.1860**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.6780, 22.2920, -51.5960**, and **115.3250, 21.7880, -53.4760** is the 20% darker color. If you saturate the color by 10%, you get **166.5330, 23.8980, -58.6780**, and if you desaturate by 10%, it is **174.6810, 18.2100, -43.6940**.

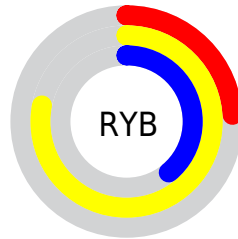
Distribution



Red (62%)

Green (78%)

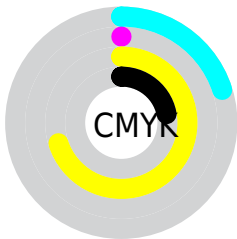
Blue (24%)



Red (24%)

Yellow (78%)

Blue (39%)

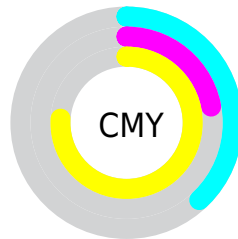


Cyan (20%)

Magenta (0%)

Yellow (70%)

Black (22%)



Cyan (38%)

Magenta (22%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.6070, 21.0540, -51.1860 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 170.6070, 21.0540, -51.1860 by changing the saturation by 10% instead.

■ 170.6070, 21.0540,
-51.1860

■ 170.6070, 21.0540,
-51.1860

■ 255.0000, -0.0000,
-0.0000

■ 142.8520, 21.7420,
-52.6420

■ 227.6780, 22.2920,
-51.5960

■ 115.3250, 21.7880,
-53.4760

■ 239.5410, 30.5880,
-36.7400

■ 91.9900, 12.8460,
-45.6020

■ 245.4240, 26.9640,
-26.1240

■ 69.5410, 4.2250,
-38.0390

■ 248.6160, 17.9760,
-17.4160

■ 45.8850, -8.2470,
-32.2710

■ 251.9220, 8.6670,
-8.3970

■ 27.0020, -12.6500,
-24.0580

■ 15.2620, -7.1500,

-13.5980

■ 0.0000, 0.0000,
0.0000

■ 170.6070, 21.0540,
-51.1860

■ 170.6070, 21.0540,
-51.1860

■ 166.5330, 23.8980,
-58.6780

■ 174.6810, 18.2100,
-43.6940

■ 162.7580, 27.3380,
-65.9580

■ 178.4560, 14.7700,
-36.4140

■ 158.7980, 29.8610,
-73.1390

■ 182.4160, 12.2470,
-29.2330

■ 158.6840, 30.1820,
-73.4500

■ 186.1910, 8.8070,
-21.9530

■ 190.2650, 5.9630,
-14.4610

■ 194.3390, 3.1190,
-6.9690

■ 198.1140, -0.3210,
0.3110

■ 202.0740, -2.8440,
7.4920

■ 205.8490, -6.2840,
14.7720

Harmonies

Analogous

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



176.2390, 69.6050, -33.4910



170.6070, 21.0540, -51.1860



155.1850, -54.0910, -60.4830

Triad

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



170.6070, 21.0540, -51.1860



151.1660, -139.0550, -29.4790



170.9210, 56.2480, 48.9200

Complementary

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



170.6070, 21.0540, -51.1860



87.3930, -21.0540, 51.1860

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.



188.5550, 31.3960, 58.7880



170.6070, 21.0540, -51.1860



142.3610, -134.9300, -21.6340

Square

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



170.6070, 21.0540, -51.1860



153.2060, -136.5320, -36.6600



180.8970, -23.4340, 28.2300



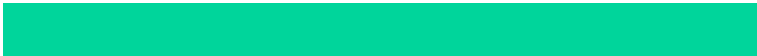
167.8480, 74.5460, 25.6660

Rectangle

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



170.6070, 21.0540, -51.1860



142.7010, -108.3300, -63.1940



180.8970, -23.4340, 28.2300



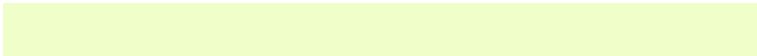
175.7770, 48.0860, 53.6700

Sweetspot

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



170.6070, 21.0540, -51.1860



244.3590, 8.3940, -19.9740



122.9810, 72.0730, 9.9050



121.3620, 4.3120, -12.0720



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.



170.6070, 21.0540, -51.1860



212.3650, 32.3380, -79.4860



150.5740, -18.8780, -65.3900



97.3760, 1.6970, -3.2230



130.6640, 24.9070, -60.4450



28.9060, 5.5960, -13.3160

Inverse Universe

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



87.3930, -21.0540, 51.1860



83.3360, -32.9340, 79.2740



107.4260, 18.8780, 65.3900



91.6240, -1.6970, 3.2230



32.3360, -24.9070, 60.4450



7.0940, -5.5960, 13.3160

Previews

White Background



This preview shows how the YIQ color 170.6070, 21.0540, -51.1860 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 170.6070, 21.0540, -51.1860 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 170.6070, 21.0540, -51.1860

Background



This preview shows how black text looks on a background with the YIQ color 170.6070, 21.0540, -51.1860.



This preview shows how white text looks on a background with the YIQ color 170.6070, 21.0540,

-51.1860.

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

170.6070, 21.0540, -51.1860

Protanopia

175.9860, 54.2000, -35.1440

Deuteranopia

179.0620, 66.2100, -21.5180



Tritanopia

183.7200, -10.7750, 2.5450

Trichromacy



Original Color

170.6070, 21.0540, -51.1860

Protanomaly

173.9520, 42.3720, -41.0520

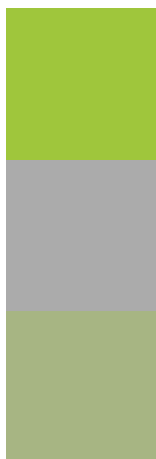
Deuteranomaly

175.9410, 50.0730, -31.9350

Tritanomaly

179.0470, 0.6450, -17.2030

Monochromacy



Original Color

170.6070, 21.0540, -51.1860

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.1140, 7.7060, -18.5180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.6070, 21.0540, -51.1860 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(159, 198, 60)` looks like.

```
.text, #text, p{  
    color:rgb(159, 198, 60)  
}
```

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(159, 198, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 198, 60) }
```

Border

The CSS property to change the border of an element to YIQ 170.6070, 21.0540, -51.1860 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(159, 198, 60) }
```


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

```
.border{ border-color:rgb(159, 198, 60) }
```

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

Here you see how a box with a 4 pixel rgb(159, 198, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 198, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 198, 60);  
box-shadow:4px 4px 4px 4px rgb(159, 198,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 170.6070, 21.0540, -51.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 198, 60) }
```

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

```
.background{ background-color: rgb(159,  
198, 60) }
```

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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