

Converting Colors

YIQ(176.7180, 7.6200, -50.0120)

Have a look what the booklet for
YIQ(176.7180, 7.6200, -50.0120)
contains.

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Color

**YIQ(176.7180, 7.6200,
-50.0120)**

Conversions

Conversions Part 1

Format	Color
Hex	99CF53
RGB	153, 207, 83
RGB Percent	60%, 81%, 33%
CMY	0.4002, 0.1881, 0.6744
CMYK	0.26, 0.00, 0.60, 0.19
HSL	86°, 56%, 57%
HSV	86°, 60%, 81%
XYZ	37.0078, 52.0287, 16.2822
YIQ	176.7180, 7.6200, -50.0120

Conversions

Conversions Part 2

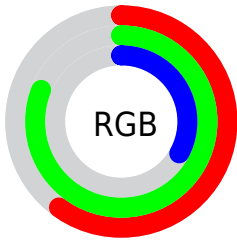
Format	Color
RYB	83, 207, 137
Decimal	10080083
CIELab	77.30, -37.04, 54.70
CIELCh	77, 66.062, 124.102
Yxy	52.0287, 0.3514, 0.4940
Android (android.graphics.Color)	4288270163 (0xFF99CF53)
YUV	176.7180, -46.2030, -20.8007
Hunter-Lab	72.1309, -34.6472, 37.1081

Details

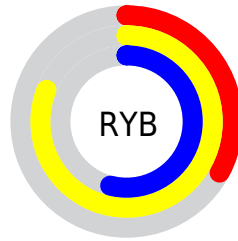
The YIQ color **176.7180, 7.6200, -50.0120** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **113.2820, -7.6200, 50.0120**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0930, 11.0580, -46.2380**, and **121.6040, 7.9410, -50.3230** is the 20% darker color. If you saturate the color by 10%, you get **171.6330, 8.9970, -58.4510**, and if you desaturate by 10%, it is **181.8030, 6.2430, -41.5730**.

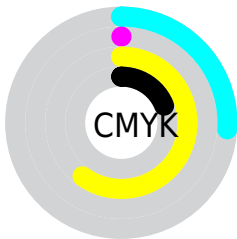
Distribution



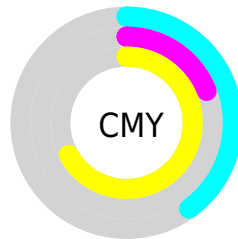
- Red (60%)
- Green (81%)
- Blue (33%)



- Red (33%)
- Yellow (81%)
- Blue (54%)



- Cyan (26%)
- Magenta (0%)
- Yellow (60%)
- Black (19%)



- Cyan (40%)
- Magenta (19%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.7180, 7.6200, -50.0120 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 176.7180, 7.6200, -50.0120 by changing the saturation by 10% instead.

■ 176.7180, 7.6200,
-50.0120

■ 176.7180, 7.6200,
-50.0120

■ 255.0000, -0.0000,
-0.0000

■ 148.8320, 7.2990,
-49.7010

■ 228.0930, 11.0580,
-46.2380

■ 121.6040, 7.9410,
-50.3230

■ 239.8420, 19.6750,
-31.6930

■ 95.1910, 7.6660,
-50.8460

■ 247.8180, 20.2230,
-19.5930

■ 72.1440, -2.1470,
-43.7070

■ 251.1240, 10.9140,
-10.5740

■ 47.0040, -16.1320,
-38.0520

■ 254.4300, 1.6050,
-1.5550

■ 31.1110, -14.5750,
-27.7190

■ 19.3710, -9.0750,

-17.2590

■ 0.0000, 0.0000,
0.0000

■ 176.7180, 7.6200,
-50.0120

■ 176.7180, 7.6200,
-50.0120

■ 171.6330, 8.9970,
-58.4510

■ 181.8030, 6.2430,
-41.5730

■ 166.6620, 10.0530,
-66.5790

■ 186.7740, 5.1870,
-33.4450

■ 161.5770, 11.4300,
-75.0180

■ 191.8590, 3.8100,
-25.0060

■ 156.4920, 12.8070,
-83.4570

■ 196.9440, 2.4330,
-16.5670

■ 202.0290, 1.0560,
-8.1280

■ 207.0000, 0.0000,
-0.0000

■ 212.0850, -1.3770,
8.4390

■ 217.1700, -2.7540,
16.8780

■ 220.5450, 0.6840,
20.6520

Harmonies

Analogous

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



183.4270, 57.2720, -35.7520



176.7180, 7.6200, -50.0120



158.6160, -71.4220, -60.2700

Triad

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



176.7180, 7.6200, -50.0120



152.9270, -139.8800, -31.0480



176.5800, 55.4700, 40.9900

Complementary

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



176.7180, 7.6200, -50.0120



113.2820, -7.6200, 50.0120

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.



190.5780, 32.5890, 53.6850



176.7180, 7.6200, -50.0120



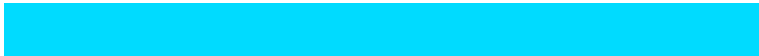
165.6610, -91.3760, -6.9920

Square

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



176.7180, 7.6200, -50.0120



157.6230, -142.0800, -35.2320



190.7420, -6.7000, 33.3320



175.7240, 71.6590, 17.4110

Rectangle

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



176.7180, 7.6200, -50.0120



149.2040, -116.9960, -60.3240



190.7420, -6.7000, 33.3320



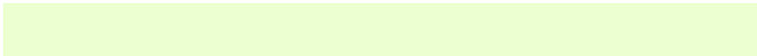
179.5610, 48.4540, 46.9980

Sweetspot

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



176.7180, 7.6200, -50.0120



243.7760, 2.8460, -18.5460



151.7740, 59.0540, -1.9540



120.8070, 1.5610, -11.7750



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.



176.7180, 7.6200, -50.0120



210.1040, 11.3840, -74.1840



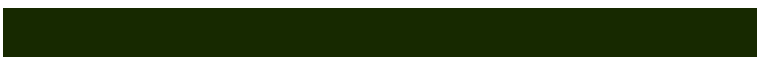
158.1800, -29.3320, -63.1560



102.2510, 0.5510, -4.4810



127.0210, 10.4200, -67.7240



30.9440, 2.4330, -16.5670

Inverse Universe

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



113.2820, -7.6200, 50.0120



115.8960, -11.3840, 74.1840



131.8200, 29.3320, 63.1560



96.7490, -0.5510, 4.4810



40.9790, -10.4200, 67.7240



10.0560, -2.4330, 16.5670

Previews

White Background



This preview shows how the YIQ color 176.7180, 7.6200, -50.0120 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 176.7180, 7.6200, -50.0120 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 176.7180, 7.6200, -50.0120

Background



This preview shows how black text looks on a background with the YIQ color 176.7180, 7.6200, -50.0120.



This preview shows how white text looks on a background with the YIQ color 176.7180, 7.6200, -50.0120.

-50.0120.

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

176.7180, 7.6200, -50.0120

Protanopia

184.3970, 48.7890, -30.6910

Deuteranopia

186.8860, 61.0740, -16.5420



Tritanopia

188.6480, -19.4400, -0.1120

Trichromacy



Original Color

176.7180, 7.6200, -50.0120

Protanomaly

181.8680, 33.9810, -37.6590

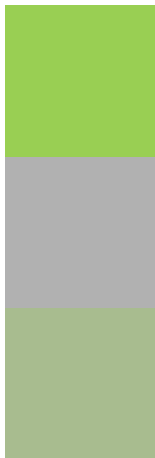
Deuteranomaly

182.8570, 41.6820, -28.5420

Tritanomaly

184.5450, -9.6250, -18.3050

Monochromacy



Original Color

176.7180, 7.6200, -50.0120

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.8900, 2.5250, -18.2350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.7180, 7.6200, -50.0120 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(153, 207, 83)` looks like.

```
.text, #text, p{  
    color:rgb(153, 207, 83)  
}
```

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(153, 207, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 207, 83) }
```

Border

The CSS property to change the border of an element to YIQ 176.7180, 7.6200, -50.0120 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(153, 207, 83) }
```


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

```
.border{ border-color:rgb(153, 207, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 207, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 207, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 207, 83);  
box-shadow:4px 4px 4px 4px rgb(153, 207,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 176.7180, 7.6200, -50.0120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 207, 83) }
```

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

```
.background{ background-color: rgb(153,  
207, 83) }
```

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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