

Converting Colors

YIQ(153.9570, -17.9180,
-49.7420)

Have a look what the booklet for
YIQ(153.9570, -17.9180, -49.7420)
contains.

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Color

**YIQ(153.9570, -17.9180,
-49.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	6ABF59
RGB	106, 191, 89
RGB Percent	42%, 75%, 35%
CMY	0.5846, 0.2508, 0.6510
CMYK	0.45, 0.00, 0.53, 0.25
HSL	110°, 44%, 55%
HSV	110°, 53%, 75%
XYZ	26.3776, 41.0584, 15.9865
YIQ	153.9570, -17.9180, -49.7420

Conversions

Conversions Part 2

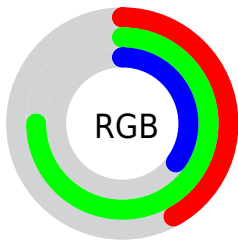
Format	Color
RYB	89, 191, 174
Decimal	6995801
CIELab	70.22, -45.49, 43.14
CIELCh	70, 62.689, 136.516
Yxy	41.0584, 0.3162, 0.4922
Android (android.graphics.Color)	4285185881 (0xFF6ABF59)
YUV	153.9570, -32.0238, -42.0583
Hunter-Lab	64.0768, -38.6539, 30.0616

Details

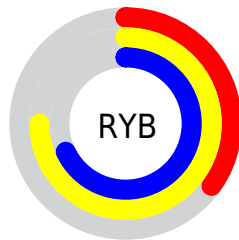
The YIQ color **153.9570, -17.9180, -49.7420** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **126.0430, 17.9180, 49.7420**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.0880, -16.9090, -51.5090**, and **99.4020, -20.6690, -49.4450** is the 20% darker color. If you saturate the color by 10%, you get **147.0070, -21.3550, -59.0430**, and if you desaturate by 10%, it is **160.9070, -14.4810, -40.4410**.

Distribution



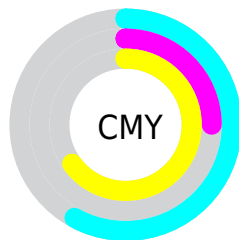
- Red (42%)
- Green (75%)
- Blue (35%)



- Red (35%)
- Yellow (75%)
- Blue (68%)



- Cyan (45%)
- Magenta (0%)
- Yellow (53%)
- Black (25%)



- Cyan (58%)
- Magenta (25%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.9570, -17.9180, -49.7420 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 153.9570, -17.9180, -49.7420 by changing the saturation by 10% instead.

■ 153.9570,
-17.9180, -49.7420

■ 153.9570,
-17.9180, -49.7420

■ 255.0000, -0.0000,
-0.0000

■ 126.8860,
-19.1560, -49.3320

■ 210.0880,
-16.9090, -51.5090

■ 99.1030, -21.2650,
-49.6570

■ 225.9460,
-10.2170, -40.6250

■ 68.4610, -28.3250,
-53.8690

■ 237.8090, -1.9210,
-25.7690

■ 50.4820, -23.6500,
-44.9780

■ 249.7860, 6.0540,
-10.6020

■ 35.8070, -16.7750,
-31.9030

■ 254.8860, 0.3210,
-0.3110

■ 23.4800, -11.0000,
-20.9200

■ 0.5870, -0.2750,

-0.5230

■ 0.0000, 0.0000,
0.0000

■ 153.9570,
-17.9180, -49.7420

■ 153.9570,
-17.9180, -49.7420

■ 147.0070,
-21.3550, -59.0430

■ 160.9070,
-14.4810, -40.4410

■ 140.0570,
-24.7920, -68.3440

■ 167.8570,
-11.0440, -31.1400

■ 133.1070,
-28.2290, -77.6450

■ 174.8070, -7.6070,
-21.8390

■ 126.1570,
-31.6660, -86.9460

■ 181.7570, -4.1700,
-12.5380

■ 121.6850,
-33.4530, -93.1090

■ 188.8210, -1.0540,
-2.9260

■ 195.7710, 2.3830,
6.3750

■ 202.4220, 5.2240,
15.4640

■ 209.3720, 8.6610,
24.7650

■ 215.6380, 14.0240,
32.2000

Harmonies

Analogous

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



161.8420, 36.8700, -40.4580



153.9570, -17.9180, -49.7420



132.5280, -100.3530, -59.0810

Triad

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



153.9570, -17.9180, -49.7420



137.6650, -132.7300, -17.4500



163.4600, 73.1230, 34.9390

Complementary

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



153.9570, -17.9180, -49.7420



126.0430, 17.9180, 49.7420

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.



171.2460, 53.9550, 51.9310



153.9570, -17.9180, -49.7420



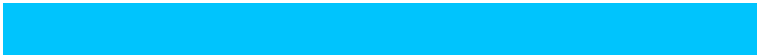
164.7730, -52.6840, 18.6760

Square

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



153.9570, -17.9180, -49.7420



143.8940, -135.1130, -23.8250



176.8400, 8.2440, 48.8520



167.0380, 85.0940, 10.7100

Rectangle

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



153.9570, -17.9180, -49.7420



137.6750, -113.4680, -47.1640



176.8400, 8.2440, 48.8520



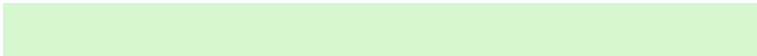
164.4520, 67.5740, 41.8940

Sweetspot

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



153.9570, -17.9180, -49.7420



232.6870, -7.1490, -19.1250



169.3930, 37.4170, -22.8310



116.2840, -4.2160, -11.7040



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



153.9570, -17.9180, -49.7420



189.5200, -27.9540, -77.1220



152.7500, -38.9640, -42.7720



90.5820, -1.8790, -4.4950



100.5200, -27.9540, -77.1220



19.6920, -5.5450, -15.1530

Inverse Universe

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



126.0430, 17.9180, 49.7420



146.4800, 27.9540, 77.1220



127.2500, 38.9640, 42.7720



88.4180, 1.8790, 4.4950



57.4800, 27.9540, 77.1220



11.3080, 5.5450, 15.1530

Previews

White Background



This preview shows how the YIQ color 153.9570, -17.9180, -49.7420 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 153.9570, -17.9180, -49.7420 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 153.9570, -17.9180, -49.7420 Background



This preview shows how black text looks on a background with the YIQ color 153.9570, -17.9180, -49.7420.



This preview shows how white text looks on a background with the YIQ color 153.9570, -17.9180, -49.7420.

-49.7420.

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

153.9570, -17.9180, -49.7420

Protanopia

166.2360, 39.2970, -23.8630

Deuteranopia

168.8170, 48.3270, -11.2970



Tritanopia

165.4500, -36.6780, -7.0940

Trichromacy



Original Color

153.9570, -17.9180, -49.7420

Protanomaly

161.7170, 18.5290, -32.9510

Deuteranomaly

163.2820, 24.4880, -25.3040

Tritanomaly

161.3730, -29.7520, -22.4880

Monochromacy



Original Color

153.9570, -17.9180, -49.7420

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.8120, -6.0030, -17.8670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.9570, -17.9180, -49.7420 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(106, 191, 89)` looks like.

```
.text, #text, p{  
    color:rgb(106, 191, 89)  
}
```

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(106, 191, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 191, 89) }
```

Border

The CSS property to change the border of an element to YIQ 153.9570, -17.9180, -49.7420 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(106, 191, 89) }
```


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

```
.border{ border-color:rgb(106, 191, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 191, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 191, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 191, 89);  
box-shadow:4px 4px 4px 4px rgb(106, 191,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 153.9570, -17.9180, -49.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 191, 89) }
```

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

```
.background{ background-color: rgb(106,  
191, 89) }
```

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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