

Converting Colors

YIQ(152.5750, -45.8410,
-44.7930)

Have a look what the booklet for
YIQ(152.5750, -45.8410, -44.7930)
contains.

YIQ(152.5750, -45.8410, -44.7930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(152.5750, -45.8410,
-44.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	51C27F
RGB	81, 194, 127
RGB Percent	32%, 76%, 50%
CMY	0.6827, 0.2390, 0.5021
CMYK	0.58, 0.00, 0.35, 0.24
HSL	144°, 48%, 54%
HSV	144°, 58%, 76%
XYZ	26.5175, 41.8819, 26.7537
YIQ	152.5750, -45.8410, -44.7930

Conversions

Conversions Part 2

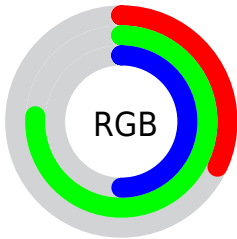
Format	Color
RYB	81, 161, 194
Decimal	5358207
CIELab	70.79, -47.38, 24.37
CIElCh	71, 53.278, 152.780
Yxy	41.8819, 0.2787, 0.4402
Android (android.graphics.Color)	4283548287 (0xFF51C27F)
YUV	152.5750, -12.6085, -62.7713
Hunter-Lab	64.7162, -40.1130, 20.7908

Details

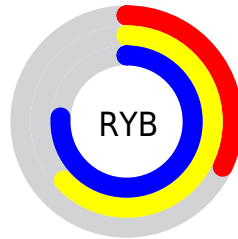
The YIQ color **152.5750, -45.8410, -44.7930** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **122.4250, 45.8410, 44.7930**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **209.4180, -43.9610, -45.8250**, and **90.3710, -62.9420, -48.7500** is the 20% darker color. If you saturate the color by 10%, you get **145.5260, -53.3130, -52.5530**, and if you desaturate by 10%, it is **159.5100, -38.0480, -37.3440**.

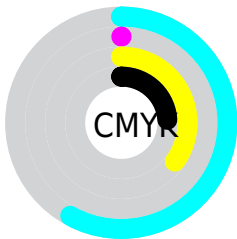
Distribution



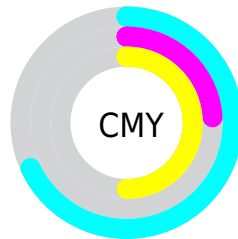
- Red (32%)
- Green (76%)
- Blue (50%)



- Red (32%)
- Yellow (63%)
- Blue (76%)



- Cyan (58%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)



- Cyan (68%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.5750, -45.8410, -44.7930 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 152.5750, -45.8410, -44.7930 by changing the saturation by 10% instead.

■ 152.5750,
-45.8410, -44.7930

■ 152.5750,
-45.8410, -44.7930

■ 255.0000, -0.0000,
-0.0000

■ 123.7210,
-49.1880, -44.7080

■ 209.4180,
-43.9610, -45.8250

■ 90.3710, -62.9420,
-48.7500

■ 223.6290,
-36.7650, -33.0610

■ 72.4870, -48.4090,
-42.3050

■ 235.4920,
-28.4690, -18.2050

■ 55.1900, -34.1510,
-36.3830

■ 246.6280,
-16.6880, -5.9360

■ 37.8930, -19.8930,
-30.4610

■ 24.6540, -11.5500,
-21.9660

■ 2.9350, -1.3750,

-2.6150

■ 0.0000, 0.0000,
0.0000

■ 152.5750,
-45.8410, -44.7930

■ 152.5750,
-45.8410, -44.7930

■ 145.5260,
-53.3130, -52.5530

■ 159.5100,
-38.0480, -37.3440

■ 138.2920,
-61.7020, -60.2140

■ 166.8580,
-29.9800, -29.3720

■ 131.2430,
-69.1740, -67.9740

■ 173.7930,
-22.1870, -21.9230

■ 124.0090,
-77.5630, -75.6350

■ 181.1410,
-14.1190, -13.9510

■ 122.8840,
-78.7090, -76.8930

■ 188.1900, -6.6470,
-6.1910

■ 195.1250, 1.1460,
1.2580

■ 202.4730, 9.2140,
9.2300

■ 209.4080, 17.0070,
16.6790

■ 216.4570, 24.4790,
24.4390

Harmonies

Analogous

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



163.1670, 8.2140, -38.7460



152.5750, -45.8410, -44.7930



136.2900, -110.9460, -48.8180

Triad

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



152.5750, -45.8410, -44.7930



160.4770, -75.6980, 6.2380



171.2730, 74.5470, 20.1390

Complementary

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



152.5750, -45.8410, -44.7930



122.4250, 45.8410, 44.7930

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.



172.6360, 61.0640, 38.7280



152.5750, -45.8410, -44.7930



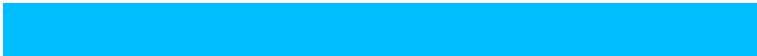
176.8210, -17.1080, 34.7320

Square

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



152.5750, -45.8410, -44.7930



140.6000, -134.1050, -20.0650



177.8950, 32.7740, 44.8220



171.4670, 70.1040, -3.9760

Rectangle

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



152.5750, -45.8410, -44.7930



139.4650, -121.2640, -38.0320



177.8950, 32.7740, 44.8220



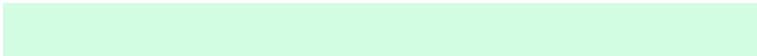
170.6350, 70.8320, 26.8960

Sweetspot

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



152.5750, -45.8410, -44.7930



236.5920, -17.0070, -16.6790



167.6630, 9.4530, -44.6830



118.4020, -10.3600, -10.4880



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.



152.5750, -45.8410, -44.7930



187.5200, -71.5120, -69.6560



158.9590, -63.8170, -27.3770



93.3260, -4.0340, -3.9860



101.9170, -65.1400, -63.9880



20.8530, -13.2480, -13.2160

Inverse Universe

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



122.4250, 45.8410, 44.7930



140.5940, 71.1910, 69.9670



116.0410, 63.8170, 27.3770



90.6740, 4.0340, 3.9860



58.9690, 65.4610, 63.6770



12.1470, 13.2480, 13.2160

Previews

White Background



This preview shows how the YIQ color 152.5750, -45.8410, -44.7930 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 152.5750, -45.8410, -44.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

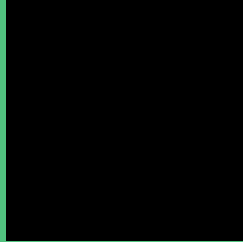
Any Text WCAG AA ✓ Pass

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 152.5750, -45.8410, -44.7930 Background



This preview shows how black text looks on a background with the YIQ color 152.5750, -45.8410, -44.7930.

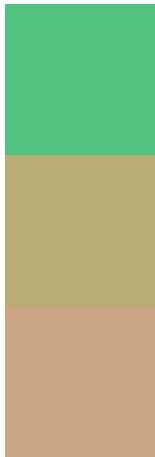


This preview shows how white text looks on a background with the YIQ color 152.5750, -45.8410, -44.7930.

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

152.5750, -45.8410, -44.7930

Protanopia

170.0300, 25.6780, -13.8260

Deuteranopia

172.1160, 31.7280, -2.3200



Tritanopia

161.8930, -54.2830, -12.9310

Trichromacy



Original Color

152.5750, -45.8410, -44.7930



Protanomaly

163.7060, -0.1330, -25.1330



Deuteranomaly

165.1890, 3.1210, -18.0230



Tritanomaly

158.1840, -51.2090, -24.5930

Monochromacy



Original Color

152.5750, -45.8410, -44.7930



Achromatopsia

153.0000, 0.0000, -0.0000



Achromatomaly

153.0050, -16.7320, -16.1560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.5750, -45.8410, -44.7930 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(81, 194, 127)` looks like.

```
.text, #text, p{  
    color:rgb(81, 194, 127)  
}
```

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(81, 194, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 194, 127) }
```

Border

The CSS property to change the border of an element to YIQ 152.5750, -45.8410, -44.7930 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(81, 194, 127) }
```


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

```
.border{ border-color:rgb(81, 194, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 194, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 194, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 194, 127);  
box-shadow:4px 4px 4px 4px rgb(81, 194,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 152.5750, -45.8410, -44.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 194, 127) }
```

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

```
.background{ background-color: rgb(81, 194,  
127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor