

Converting Colors

YIQ(146.4570, -48.8650,
-56.0730)

Have a look what the booklet for
YIQ(146.4570, -48.8650, -56.0730)
contains.

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Color

**YIQ(146.4570, -48.8650,
-56.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	41C469
RGB	65, 196, 105
RGB Percent	25%, 77%, 41%
CMY	0.7455, 0.2311, 0.5883
CMYK	0.67, 0.00, 0.46, 0.23
HSL	138°, 53%, 51%
HSV	138°, 67%, 77%
XYZ	24.4742, 41.6445, 20.1044
YIQ	146.4570, -48.8650, -56.0730

Conversions

Conversions Part 2

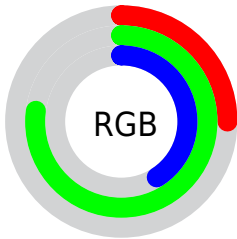
Format	Color
RYB	65, 165, 196
Decimal	4310121
CIELab	70.63, -55.29, 35.47
CIELCh	71, 65.685, 147.319
Yxy	41.6445, 0.2838, 0.4830
Android (android.graphics.Color)	4282500201 (0xFF41C469)
YUV	146.4570, -20.4383, -71.4378
Hunter-Lab	64.5325, -45.2350, 26.7016

Details

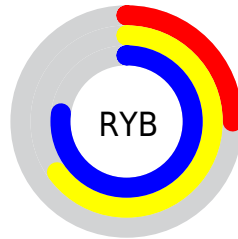
The YIQ color **146.4570, -48.8650, -56.0730** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **114.5430, 48.8650, 56.0730**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0830, -44.8760, -56.7800**, and **89.0370, -56.4300, -56.6380** is the 20% darker color. If you saturate the color by 10%, you get **138.8810, -56.2910, -64.6670**, and if you desaturate by 10%, it is **154.0330, -41.4390, -47.4790**.

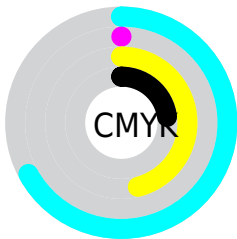
Distribution



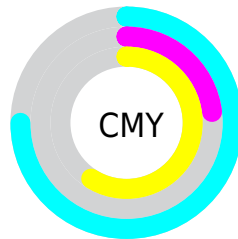
- Red (25%)
- Green (77%)
- Blue (41%)



- Red (25%)
- Yellow (65%)
- Blue (77%)



- Cyan (67%)
- Magenta (0%)
- Yellow (46%)
- Black (23%)



- Cyan (75%)
- Magenta (23%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.4570, -48.8650, -56.0730 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 146.4570, -48.8650, -56.0730 by changing the saturation by 10% instead.

■ 146.4570,
-48.8650, -56.0730

■ 146.4570,
-48.8650, -56.0730

■ 255.0000, -0.0000,
-0.0000

■ 114.3140,
-58.7680, -58.3200

■ 204.9690,
-44.5550, -57.0910

■ 89.0370, -56.4300,
-56.6380

■ 217.7180,
-35.9380, -42.5460

■ 71.0390, -41.5760,
-50.5040

■ 229.5810,
-27.6420, -27.6900

■ 52.6990, -25.7590,
-45.3030

■ 241.7430,
-18.7500, -12.6220

■ 37.5680, -17.6000,
-33.4720

■ 252.3090, -5.3640,
-1.9080

■ 24.6540, -11.5500,
-21.9660

■ 2.3480, -1.1000,

-2.0920

■ 0.0000, 0.0000,
0.0000

■ 146.4570,
-48.8650, -56.0730

■ 146.4570,
-48.8650, -56.0730

■ 138.8810,
-56.2910, -64.6670

■ 154.0330,
-41.4390, -47.4790

■ 131.7180,
-63.4420, -72.7380

■ 161.1960,
-34.2880, -39.4080

■ 124.1420,
-70.8680, -81.3320

■ 168.7720,
-26.8620, -30.8140

■ 121.8920,
-73.1600, -83.8480

■ 175.9350,
-19.7110, -22.7430

■ 183.5110,
-12.2850, -14.1490

■ 191.0870, -4.8590,
-5.5550

■ 198.2500, 2.2920,
2.5160

■ 205.8260, 9.7180,
11.1100

■ 213.1030, 16.5480,
19.4920

Harmonies

Analogous

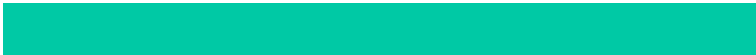
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159.9430, 20.2280, -47.2280



146.4570, -48.8650, -56.0730



136.7970, -108.2400, -53.8080

Triad

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



146.4570, -48.8650, -56.0730



135.3170, -131.6300, -15.3580



162.2400, 79.3140, 27.3620

Complementary

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



146.4570, -48.8650, -56.0730



114.5430, 48.8650, 56.0730

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.



165.5580, 61.7040, 49.1600



146.4570, -48.8650, -56.0730



171.4390, -27.8360, 30.9160

Square

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



146.4570, -48.8650, -56.0730



143.5350, -135.4800, -22.6800



177.5500, 29.7920, 54.8160



169.1550, 88.7180, 0.0940

Rectangle

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



146.4570, -48.8650, -56.0730



142.1720, -121.9970, -41.2690



177.5500, 29.7920, 54.8160



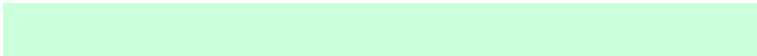
161.5850, 74.2690, 36.1970

Sweetspot

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



146.4570, -48.8650, -56.0730



235.7610, -19.1610, -21.6970



169.4050, 18.8070, -49.0090



116.2230, -11.4140, -13.4140



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.



146.4570, -48.8650, -56.0730



177.8160, -76.0020, -87.4100



153.8670, -69.7300, -35.8580



93.2120, -3.7130, -4.2970



100.0930, -60.0040, -68.9640



20.5110, -12.2850, -14.1490

Inverse Universe

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



114.5430, 48.8650, 56.0730



128.1840, 76.0020, 87.4100



107.1330, 69.7300, 35.8580



90.7880, 3.7130, 4.2970



60.9070, 60.0040, 68.9640



12.4890, 12.2850, 14.1490

Previews

White Background



This preview shows how the YIQ color 146.4570, -48.8650, -56.0730 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 146.4570, -48.8650, -56.0730 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 146.4570, -48.8650, -56.0730 Background



This preview shows how black text looks on a background with the YIQ color 146.4570, -48.8650, -56.0730.



This preview shows how white text looks on a background with the YIQ color 146.4570, -48.8650, -56.0730.

-56.0730.

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

146.4570, -48.8650, -56.0730

Protanopia

167.5330, 34.2070, -19.7210

Deuteranopia

170.7440, 41.4030, -6.9570



Tritanopia

159.8000, -58.4550, -14.4150

Trichromacy



Original Color

146.4570, -48.8650, -56.0730

Protanomaly

159.7030, 3.9490, -33.0350

Deuteranomaly

162.1970, 8.6700, -24.9780

Tritanomaly

154.8690, -54.8760, -29.7240

Monochromacy



Original Color

146.4570, -48.8650, -56.0730

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1850, -17.4190, -20.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.4570, -48.8650, -56.0730 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(65, 196, 105)` looks like.

```
.text, #text, p{  
    color:rgb(65, 196, 105)  
}
```

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(65, 196, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 196, 105) }
```

Border

The CSS property to change the border of an element to YIQ 146.4570, -48.8650, -56.0730 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(65, 196, 105) }
```


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

```
.border{ border-color:rgb(65, 196, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 196, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 196, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 196, 105);  
box-shadow:4px 4px 4px 4px rgb(65, 196,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 146.4570, -48.8650, -56.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 196, 105) }
```

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

```
.background{ background-color: rgb(65, 196,  
105) }
```

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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