

# Converting Colors

YIQ(110.6070, -38.5580,  
-6.0620)

Have a look what the booklet for  
YIQ(110.6070, -38.5580, -6.0620)  
contains.

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# Color

**YIQ(110.6070, -38.5580,  
-6.0620)**

# Conversions

## Conversions Part 1

Format	Color
Hex	467D8F
RGB	70, 125, 143
RGB Percent	27%, 49%, 56%
CMY	0.7256, 0.5097, 0.4394
CMYK	0.51, 0.13, 0.00, 0.44
HSL	195°, 34%, 42%
HSV	195°, 51%, 56%
XYZ	14.8148, 17.9559, 28.6547
YIQ	110.6070, -38.5580, -6.0620

# Conversions

## Conversions Part 2

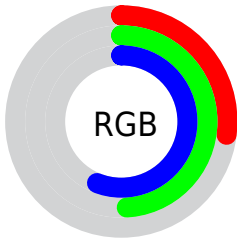
Format	Color
<b>RYB</b>	70, 101, 143
Decimal	4619663
CIELab	49.44, -13.00, -15.33
CIELCh	49, 20.100, 229.721
Yxy	17.9559, 0.2412, 0.2923
Android (android.graphics.Color)	4282809743 (0xFF467D8F)
YUV	110.6070, 15.9697, -35.6123
Hunter-Lab	42.3744, -11.7486, -10.4313

# Details

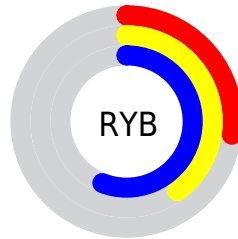
The YIQ color **110.6070, -38.5580, -6.0620** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **102.3930, 38.5580, 6.0620**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7210, -38.8790, -5.7510**, and **57.6060, -45.9850, -9.1290** is the 20% darker color. If you saturate the color by 10%, you get **104.6600, -46.0770, -7.4610**, and if you desaturate by 10%, it is **117.1410, -31.3140, -5.1860**.

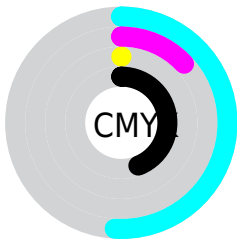
# Distribution



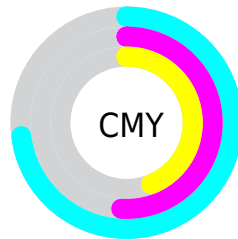
- Red (27%)
- Green (49%)
- Blue (56%)



- Red (27%)
- Yellow (40%)
- Blue (56%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (44%)



- Cyan (73%)
- Magenta (51%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 110.6070, -38.5580, -6.0620 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 110.6070, -38.5580, -6.0620 by changing the saturation by 10% instead.



■ 110.6070,  
-38.5580, -6.0620

■ 110.6070,  
-38.5580, -6.0620

■ 255.0000, -0.0000,  
-0.0000

■ 84.8950, -39.4290,  
-6.7970

■ 163.7210,  
-38.8790, -5.7510

■ 57.6060, -45.9850,  
-9.1290

■ 190.8350,  
-39.2000, -5.4400

■ 38.9770, -36.7240,  
-6.2600

■ 218.8350,  
-39.2000, -5.4400

■ 24.1420, -23.8870,  
-2.1190

■ 240.3490,  
-29.2040, -10.3880

■ 3.5510, -8.6210,  
7.5630

■ 249.0200,  
-11.9200, -4.2400

■ 0.0000, 0.0000,  
0.0000

■ 110.6070,  
-38.5580, -6.0620

■ 110.6070,  
-38.5580, -6.0620

■ 104.6600,  
-46.0770, -7.4610

■ 117.1410,  
-31.3140, -5.1860

■ 97.8270, -53.9170,  
-8.5490

■ 123.3870,  
-23.1990, -3.5750

■ 91.2930, -61.1610,  
-9.4250

■ 129.9210,  
-15.9550, -2.6990

■ 85.3460, -68.6800,  
-10.8240

■ 135.8680, -8.4360,  
-1.3000

■ 79.6980, -75.6030,  
-12.0110

■ 142.4020, -1.1920,  
-0.4240

■ 148.6480, 6.9230,  
1.1870

■ 155.1820, 14.1670,  
2.0630

■ 161.1290, 21.6860,

3.4620

■ 167.9620, 29.5260,  
4.5500

# Harmonies

## Analogous

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



109.1740, -36.0810, -12.4090



110.6070, -38.5580, -6.0620



114.5530, -29.2980, 2.3340

# Triad

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



110.6070, -38.5580, -6.0620



120.6100, 19.2540, 14.5020



115.4120, 10.0430, -11.3090

# Complementary

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



110.6070, -38.5580, -6.0620



102.3930, 38.5580, 6.0620

# 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.



116.8590, 22.1460, -4.8780



110.6070, -38.5580, -6.0620



119.2810, 27.3700, 10.5860

# Square

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



110.6070, -38.5580, -6.0620



120.0090, 4.9490, 14.9410



118.7230, 28.7010, 2.9810



113.2190, -5.5910, -14.3190



# Rectangle

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



110.6070, -38.5580, -6.0620



116.9890, -18.6620, 7.8180



118.7230, 28.7010, 2.9810



115.9180, 14.4900, -9.3020

# Sweetspot

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



110.6070, -38.5580, -6.0620



173.5190, -14.7630, -2.2750



114.7890, -25.5320, -32.8920



86.5690, -9.0320, -1.5120



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



110.6070, -38.5580, -6.0620



135.7770, -59.6480, -9.3120



89.4750, -28.6580, 12.7660



68.3200, -3.8970, -0.9610



75.2640, -71.3850, -11.3610



4.4340, -4.2180, -0.6500



# Inverse Universe

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



98.0970, 25.8530, 32.5810



116.4770, 40.0630, 50.3910



122.9380, 28.9330, -12.2430



66.7770, 2.2460, 3.3500



51.9930, 47.7180, 60.3420



3.0760, 2.8420, 3.5620



# Previews

## White Background



This preview shows how the YIQ color 110.6070, -38.5580, -6.0620 looks on a white 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 × Fail



# Black Background



This preview shows how the YIQ color 110.6070, -38.5580, -6.0620 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

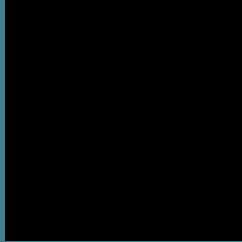
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 110.6070, -38.5580, -6.0620

## Background



This preview shows how black text looks on a background with the YIQ color 110.6070, -38.5580, -6.0620.



This preview shows how white text looks on a background with the YIQ color 110.6070, -38.5580,

-6.0620.

# 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

110.6070, -38.5580, -6.0620

### Protanopia

117.4970, -8.5290, 5.8950

### Deuteranopia

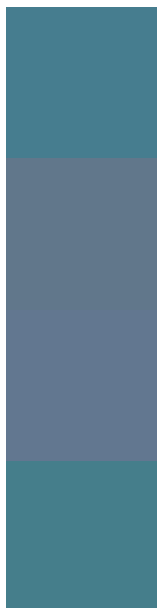
118.1210, -10.2260, 9.1180



## Tritanopia

109.7980, -37.7780, -9.1860

# Trichromacy



## Original Color

110.6070, -38.5580, -6.0620

## Protanomaly

114.7020, -19.5320, 1.5560

## Deuteranomaly

115.5710, -20.5410, 3.3230

## Tritanomaly

110.4390, -38.1450, -8.0410

# Monochromacy



## Original Color

110.6070, -38.5580, -6.0620

## Achromatopsia

111.0000, -0.0000, 0.0000

## Achromatomaly

110.8180, -14.1670, -2.0630

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 110.6070, -38.5580, -6.0620 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(70, 125, 143)` looks like.

```
.text, #text, p{  
    color:rgb(70, 125, 143)  
}
```

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(70, 125, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 125, 143) }
```

## Border

The CSS property to change the border of an element to YIQ 110.6070, -38.5580, -6.0620 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(70, 125, 143) }
```



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

```
.border{ border-color:rgb(70, 125, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 125, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 125, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 125, 143);  
box-shadow:4px 4px 4px 4px rgb(70, 125,  
143) }
```

# Background

The CSS property to change the background color of an element to YIQ 110.6070, -38.5580, -6.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 125, 143) }
```

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

```
.background{ background-color: rgb(70, 125,  
143) }
```

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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