

# Converting Colors

YIQ(114.7170, -33.0560,  
-6.6560)

Have a look what the booklet for  
YIQ(114.7170, -33.0560, -6.6560)  
contains.

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# Color

**YIQ(114.7170, -33.0560,  
-6.6560)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F808C
RGB	79, 128, 140
RGB Percent	31%, 50%, 55%
CMY	0.6903, 0.4979, 0.4511
CMYK	0.44, 0.09, 0.00, 0.45
HSL	192°, 28%, 43%
HSV	192°, 44%, 55%
XYZ	15.6750, 18.9972, 27.6378
YIQ	114.7170, -33.0560, -6.6560

# Conversions

## Conversions Part 2

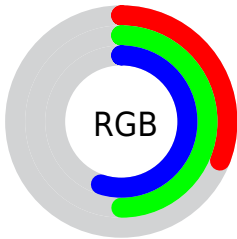
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 106, 140
Decimal	5210252
CIE <sub>Lab</sub>	50.68, -13.24, -11.66
CIE <sub>LCh</sub>	51, 17.639, 221.378
Yxy	18.9972, 0.2516, 0.3049
Android (android.graphics.Color)	4283400332 (0xFF4F808C)
YUV	114.7170, 12.4645, -31.3238
Hunter-Lab	43.5858, -12.0802, -7.0858

# Details

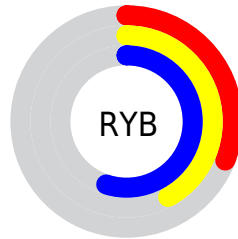
The YIQ color **114.7170, -33.0560, -6.6560** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **104.2830, 33.0560, 6.6560**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5320, -33.9730, -6.5570**, and **64.4070, -35.1190, -7.8150** is the 20% darker color. If you saturate the color by 10%, you get **108.7700, -40.5750, -8.0550**, and if you desaturate by 10%, it is **120.6640, -25.5370, -5.2570**.

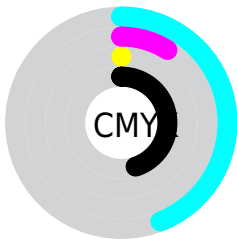
# Distribution



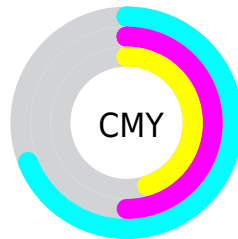
- Red (31%)
- Green (50%)
- Blue (55%)



- Red (31%)
- Yellow (42%)
- Blue (55%)



- Cyan (44%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (69%)
- Magenta (50%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 114.7170, -33.0560, -6.6560 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 114.7170, -33.0560, -6.6560 by changing the saturation by 10% instead.



■ 114.7170,  
-33.0560, -6.6560

■ 114.7170,  
-33.0560, -6.6560

■ 255.0000, -0.0000,  
-0.0000

■ 89.3040, -33.3310,  
-7.1790

■ 167.4180,  
-33.6520, -6.8680

■ 64.4070, -35.1190,  
-7.8150

■ 194.5320,  
-33.9730, -6.5570

■ 40.5100, -36.9070,  
-8.4510

■ 223.2330,  
-34.5690, -6.7690

■ 24.9740, -23.4740,  
-4.0980

■ 242.7410,  
-24.4360, -8.6920

■ 6.2580, -9.3540,  
4.3260

■ 251.4120, -7.1520,  
-2.5440

■ 0.0000, 0.0000,  
0.0000

■ 114.7170,  
-33.0560, -6.6560

■ 114.7170,  
-33.0560, -6.6560

■ 108.7700,  
-40.5750, -8.0550

■ 120.6640,  
-25.5370, -5.2570

■ 103.4100,  
-48.3690, -9.9770

■ 126.6110,  
-18.0180, -3.8580

■ 97.4630, -55.8880,  
-11.3760

■ 131.9710,  
-10.2240, -1.9360

■ 91.5160, -63.4070,  
-12.7750

■ 137.9180, -2.7050,  
-0.5370

■ 85.5690, -70.9260,  
-14.1740

■ 143.8650, 4.8140,  
0.8620

■ 82.2910, -76.0150,  
-15.5590

■ 149.2250, 12.6080,  
2.7840

■ 155.1720, 20.1270,  
4.1830

■ 161.1190, 27.6460,

5.5820

 167.0660, 35.1650,  
6.9810

# Harmonies

## Analogous

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



114.0070, -28.2410, -11.3210



114.7170, -33.0560, -6.6560



117.5700, -27.9680, 0.2560

# Triad

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



114.7170, -33.0560, -6.6560



123.4460, 13.8440, 13.4280



119.6620, 12.3350, -8.7930

# Complementary

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



114.7170, -33.0560, -6.6560



104.2830, 33.0560, 6.6560

# 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.



121.1410, 21.4120, -2.5880



114.7170, -33.0560, -6.6560



122.8290, 22.8310, 10.2470

# Square

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



114.7170, -33.0560, -6.6560



122.6770, -0.0480, 11.8880



122.1080, 26.1790, 4.6350



117.7250, -1.1440, -12.3120



# Rectangle

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



114.7170, -33.0560, -6.6560



119.8100, -19.7160, 4.8920



122.1080, 26.1790, 4.6350



119.9830, 15.8650, -6.6870

# Sweetspot

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



114.7170, -33.0560, -6.6560



171.1880, -12.3330, -2.2610



116.0610, -20.3060, -28.4820



85.7540, -8.1150, -1.6110



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000



# Same Dimension

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



114.7170, -33.0560, -6.6560



142.3280, -51.0740, -10.5140



97.1070, -24.8060, 9.0340



66.3200, -3.8970, -0.9610



77.9710, -72.1180, -14.5980



2.9180, -2.7050, -0.5370



# Inverse Universe

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



102.8250, 20.6270, 28.1710



123.7700, 31.6280, 43.5640



121.8930, 24.8060, -9.0340



64.7770, 2.2460, 3.3500



51.9650, 44.9210, 61.4730

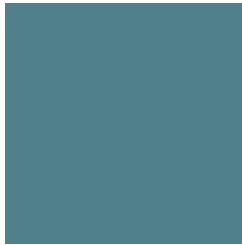


1.9510, 1.6960, 2.3040



# Previews

## White Background



This preview shows how the YIQ color 114.7170, -33.0560, -6.6560 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 114.7170, -33.0560, -6.6560 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

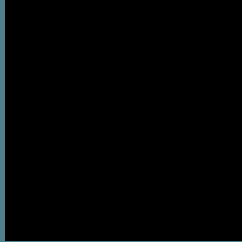
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 114.7170, -33.0560, -6.6560

## Background



This preview shows how black text looks on a background with the YIQ color 114.7170, -33.0560, -6.6560.



This preview shows how white text looks on a background with the YIQ color 114.7170, -33.0560, -6.6560.

-6.6560.

# 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

114.7170, -33.0560, -6.6560

### Protanopia

120.4110, -5.4110, 4.4530

### Deuteranopia

121.0460, -5.6410, 8.6230



## Tritanopia

114.6030, -32.7350, -6.9670

# Trichromacy



## Original Color

114.7170, -33.0560, -6.6560

## Protanomaly

118.2140, -15.2220, 0.5380

## Deuteranomaly

118.7950, -15.3600, 3.0400

## Tritanomaly

114.6030, -32.7350, -6.9670

# Monochromacy



## Original Color

114.7170, -33.0560, -6.6560

## Achromatopsia

115.0000, -0.0000, 0.0000

## Achromatomaly

115.0740, -12.0120, -2.5720

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 114.7170, -33.0560, -6.6560 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(79, 128, 140)` looks like.

```
.text, #text, p{  
    color:rgb(79, 128, 140)  
}
```

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(79, 128, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 128, 140) }
```

## Border

The CSS property to change the border of an element to YIQ 114.7170, -33.0560, -6.6560 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(79, 128, 140) }
```



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

```
.border{ border-color:rgb(79, 128, 140) }
```

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

Here you see how a box with a 4 pixel rgb(79, 128, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 128, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 128, 140);  
box-shadow:4px 4px 4px 4px rgb(79, 128,  
140) }
```

# Background

The CSS property to change the background color of an element to YIQ 114.7170, -33.0560, -6.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 128, 140) }
```

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

```
.background{ background-color: rgb(79, 128,  
140) }
```

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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