

# Converting Colors

YIQ(105.9120, -11.7360,  
-7.5760)

Have a look what the booklet for  
YIQ(105.9120, -11.7360, -7.5760)  
contains.

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# Color

**YIQ(105.9120, -11.7360,  
-7.5760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A726A
RGB	90, 114, 106
RGB Percent	35%, 45%, 42%
CMY	0.6471, 0.5529, 0.5844
CMYK	0.21, 0.00, 0.07, 0.55
HSL	160°, 12%, 40%
HSV	160°, 21%, 45%
XYZ	12.8343, 15.2502, 15.9000
YIQ	105.9120, -11.7360, -7.5760

# Conversions

## Conversions Part 2

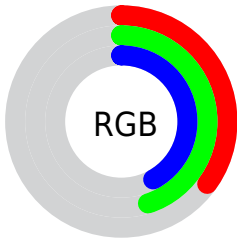
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 104, 114
Decimal	5927530
CIE <sub>Lab</sub>	45.97, -10.62, 1.53
CIE <sub>LCh</sub>	46, 10.727, 171.780
Yxy	15.2502, 0.2918, 0.3467
Android (android.graphics.Color)	4284117610 (0xFF5A726A)
YUV	105.9120, 0.0434, -13.9548
Hunter-Lab	39.0515, -9.6756, 3.1958

# Details

The YIQ color **105.9120, -11.7360, -7.5760** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.0880, 11.7360, 7.5760**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.2000, -12.6070, -8.3110**, and **58.6240, -10.8650, -6.8410** is the 20% darker color. If you saturate the color by 10%, you get **102.1670, -17.0080, -11.1520**, and if you desaturate by 10%, it is **109.6570, -6.4640, -4.0000**.

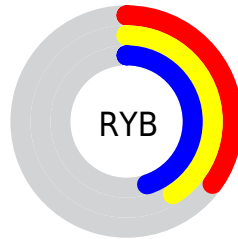
# Distribution



Red (35%)

Green (45%)

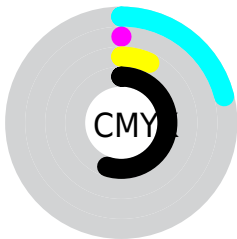
Blue (42%)



Red (35%)

Yellow (41%)

Blue (45%)

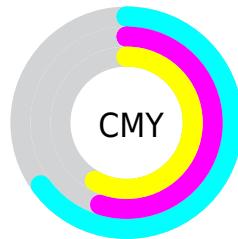


Cyan (21%)

Magenta (0%)

Yellow (7%)

Black (55%)



Cyan (65%)

Magenta (55%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 105.9120, -11.7360, -7.5760 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 105.9120, -11.7360, -7.5760 by changing the saturation by 10% instead.



■ 105.9120,  
-11.7360, -7.5760

■ 105.9120,  
-11.7360, -7.5760

■ 255.0000, -0.0000,  
-0.0000

■ 81.3250, -11.4610,  
-7.0530

■ 157.2000,  
-12.6070, -8.3110

■ 58.6240, -10.8650,  
-6.8410

■ 184.2000,  
-12.6070, -8.3110

■ 36.6240, -10.8650,  
-6.8410

■ 211.9010,  
-13.2030, -8.5230

■ 15.9120, -11.7360,  
-7.5760

■ 240.4880,  
-13.4780, -9.0460

■ 0.0000, 0.0000,  
0.0000

■ 253.8040, -2.3840,  
-0.8480

■ 105.9120,  
-11.7360, -7.5760

■ 105.9120,  
-11.7360, -7.5760

■ 102.1670,  
-17.0080, -11.1520

■ 109.6570, -6.4640,  
-4.0000

■ 98.1230, -22.8760,  
-14.9400

■ 113.7010, -0.5960,  
-0.2120

■ 94.4920, -28.4690,  
-18.2050

■ 117.3320, 4.9970,  
3.0530

■ 90.4480, -34.3370,  
-21.9930

■ 121.3760, 10.8650,  
6.8410

■ 86.7030, -39.6090,  
-25.5690

■ 125.1210, 16.1370,  
10.4170

■ 82.9580, -44.8810,  
-29.1450

■ 128.8660, 21.4090,  
13.9930

■ 78.9140, -50.7490,  
-32.9330

■ 132.9100, 27.2770,  
17.7810

■ 75.5820, -55.7460,

■ 136.5410, 32.8700,

-35.9860

21.0460

■ 140.5850, 38.7380,  
24.8340

# Harmonies

## Analogous

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



107.1040, -3.5290, -7.6330



105.9120, -11.7360, -7.5760



105.7420, -17.0090, -5.6250

# Triad

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



105.9120, -11.7360, -7.5760



109.0520, -5.7780, 5.5980



109.8400, 15.1300, 1.1300

# Complementary

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



105.9120, -11.7360, -7.5760



98.0880, 11.7360, 7.5760

# 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.



110.4750, 14.9000, 5.3000



105.9120, -11.7360, -7.5760



110.5970, 2.9330, 7.4210

# Square

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



105.9120, -11.7360, -7.5760



107.6380, -13.4800, 2.0080



110.9030, 10.8190, 7.6750



108.7640, 12.2880, -2.4320



# Rectangle

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



105.9120, -11.7360, -7.5760



105.7250, -18.3390, -3.5470



110.9030, 10.8190, 7.6750



110.0790, 15.9550, 2.6990

# Sweetspot

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



105.9120, -11.7360, -7.5760



144.9670, -4.4010, -2.8410



106.4800, -1.8320, -10.8560



72.2770, -2.3380, -1.6820



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000



# Same Dimension

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



105.9120, -11.7360, -7.5760



135.5690, -18.2000, -11.5760



104.4760, -13.2040, -2.9960



53.9780, -2.9340, -1.8940



79.5600, -58.6800, -37.8800



163.7990, -120.8900, -77.8660



# Inverse Universe

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



98.0880, 11.7360, 7.5760



123.4310, 18.2000, 11.5760



99.5240, 13.2040, 2.9960



52.0220, 2.9340, 1.8940



40.4400, 58.6800, 37.8800



83.3150, 120.5690, 78.1770



# Previews

## White Background



This preview shows how the YIQ color 105.9120, -11.7360, -7.5760 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 105.9120, -11.7360, -7.5760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

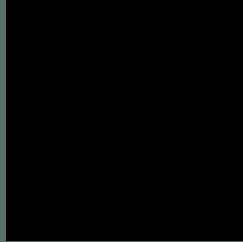
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 105.9120, -11.7360, -7.5760

## Background



This preview shows how black text looks on a background with the YIQ color 105.9120, -11.7360, -7.5760.



This preview shows how white text looks on a background with the YIQ color 105.9120, -11.7360, -7.5760.

-7.5760.

# 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

105.9120, -11.7360, -7.5760

### Protanopia

108.6260, 3.9890, -0.7070

### Deuteranopia

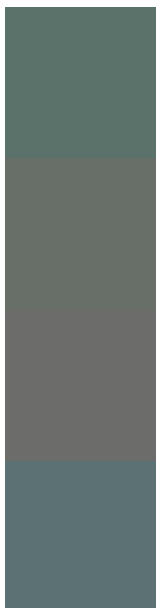
109.5280, 7.3810, 3.9010



## Tritanopia

107.3450, -14.2130, -1.2290

# Trichromacy



## Original Color

105.9120, -11.7360, -7.5760

## Protanomaly

107.5220, -1.6500, -3.1380

## Deuteranomaly

107.8860, 0.3210, -0.3110

## Tritanomaly

107.0630, -13.4790, -3.5190

# Monochromacy



## Original Color

105.9120, -11.7360, -7.5760

## Achromatopsia

106.0000, -0.0000, -0.0000

## Achromatomaly

105.9670, -4.4010, -2.8410

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 105.9120, -11.7360, -7.5760 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(90, 114, 106)` looks like.

```
.text, #text, p{  
    color:rgb(90, 114, 106)  
}
```

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(90, 114, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 114, 106) }
```

## Border

The CSS property to change the border of an element to YIQ 105.9120, -11.7360, -7.5760 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(90, 114, 106) }
```



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

```
.border{ border-color:rgb(90, 114, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 114, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 114, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 114, 106);  
box-shadow:4px 4px 4px 4px rgb(90, 114,  
106) }
```

# Background

The CSS property to change the background color of an element to YIQ 105.9120, -11.7360, -7.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 114, 106) }
```

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

```
.background{ background-color: rgb(90, 114,  
106) }
```

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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