

Converting Colors

YIQ(121.5950, -11.9210, 1.2870)

Have a look what the booklet for
YIQ(121.5950, -11.9210, 1.2870)
contains.

YIQ(121.5950, -11.9210, 1.2870)	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(121.5950, -11.9210,
1.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7C89
RGB	111, 124, 137
RGB Percent	44%, 49%, 54%
CMY	0.5647, 0.5137, 0.4628
CMYK	0.19, 0.09, 0.00, 0.46
HSL	210°, 10%, 49%
HSV	210°, 19%, 54%
XYZ	18.2775, 19.6015, 26.4816
YIQ	121.5950, -11.9210, 1.2870

Conversions

Conversions Part 2

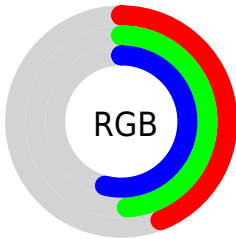
Format	Color
R_{YB}	111, 120, 137
Decimal	7306377
CIE _{Lab}	51.38, -1.85, -8.66
CIE _{LCh}	51, 8.857, 257.962
Yxy	19.6015, 0.2840, 0.3046
Android (android.graphics.Color)	4285496457 (0xFF6F7C89)
YUV	121.5950, 7.5947, -9.2918
Hunter-Lab	44.2736, -3.7888, -4.4718

Details

The YIQ color **121.5950, -11.9210, 1.2870** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **126.4050, 11.9210, -1.2870**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **173.7090, -12.2420, 1.5980**, and **72.7800, -11.0040, 1.1880** is the 20% darker color. If you saturate the color by 10%, you get **113.3000, -18.3400, 1.9800**, and if you desaturate by 10%, it is **129.8900, -5.5020, 0.5940**.

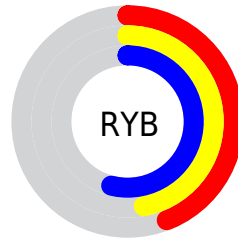
Distribution



Red (44%)

Green (49%)

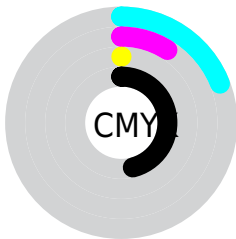
Blue (54%)



Red (44%)

Yellow (47%)

Blue (54%)

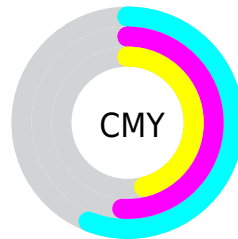


Cyan (19%)

Magenta (9%)

Yellow (0%)

Black (46%)



Cyan (56%)

Magenta (51%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.5950, -11.9210, 1.2870 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 121.5950, -11.9210, 1.2870 by changing the saturation by 10% instead.

■ 121.5950,
-11.9210, 1.2870

■ 121.5950,
-11.9210, 1.2870

■ 255.0000, -0.0000,
-0.0000

■ 96.5950, -11.9210,
1.2870

■ 173.7090,
-12.2420, 1.5980

■ 72.7800, -11.0040,
1.1880

■ 201.4100,
-12.8380, 1.3860

■ 50.3670, -11.2790,
0.6650

■ 229.5240,
-13.1590, 1.6970

■ 29.2530, -10.9580,
0.3540

■ 252.6080, -4.7680,
-1.6960

■ 6.6170, -8.9870,
3.1810

■ 0.0000, 0.0000,
0.0000

■ 121.5950,
-11.9210, 1.2870

■ 121.5950,
-11.9210, 1.2870

■ 113.3000,
-18.3400, 1.9800

■ 129.8900, -5.5020,
0.5940

■ 105.3040,
-24.1630, 2.8850

■ 137.8860, 0.3210,
-0.3110

■ 97.0090, -30.5820,
3.5780

■ 146.1810, 6.7400,
-1.0040

■ 89.3010, -37.2760,
3.7480

■ 153.8890, 13.4340,
-1.1740

■ 81.3050, -43.0990,
4.6530

■ 161.8850, 19.2570,
-2.0790

■ 73.0100, -49.5180,
5.3460

■ 170.1800, 25.6760,
-2.7720

■ 64.7150, -55.9370,
6.0390

■ 178.4750, 32.0950,
-3.4650

■ 56.4200, -62.3560,

■ 186.7700, 38.5140,

6.7320

-4.1580

■ 56.1210, -62.9520,
6.5200

■ 194.7660, 44.3370,
-5.0630

Harmonies

Analogous

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



120.5190, -14.7630, -2.2750



121.5950, -11.9210, 1.2870



123.1120, -6.0070, 4.2410

Triad

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



121.5950, -11.9210, 1.2870



123.6920, 12.7910, 4.9750



120.5280, -1.7870, -6.1630

Complementary

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



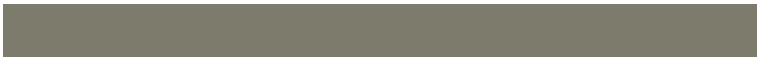
121.5950, -11.9210, 1.2870



126.4050, 11.9210, -1.2870

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.



121.5890, 5.4110, -4.4530



121.5950, -11.9210, 1.2870



123.4700, 13.2960, 1.3280

Square

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



121.5950, -11.9210, 1.2870



124.2940, 8.1600, 6.3040



122.8070, 10.7290, -1.7110



120.4070, -8.7560, -6.5160

Rectangle

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



121.5950, -11.9210, 1.2870



123.3900, -0.9180, 5.6260



122.8070, 10.7290, -1.7110



121.1970, 0.6430, -6.1490

Sweetspot

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



121.5950, -11.9210, 1.2870



172.1890, -4.9060, 0.8060



127.7440, -11.3230, -9.5550



85.4450, -2.7510, 0.2970



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



121.5950, -11.9210, 1.2870



154.1150, -19.2570, 2.0790



113.9640, -8.3460, 8.0860



64.5590, -3.0720, 0.6080



53.9040, -60.8430, 6.8450



2.3310, -2.4300, -0.0140

Inverse Universe

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



120.2560, 11.3230, 9.5550



151.9520, 18.2910, 15.4350



134.0360, 8.3460, -8.0860



64.4350, 3.2090, 2.4170



47.2910, 58.0820, 48.7220



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 121.5950, -11.9210, 1.2870 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 121.5950, -11.9210, 1.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

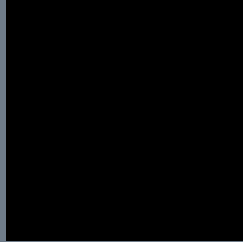
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

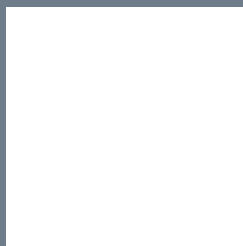
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 121.5950, -11.9210, 1.2870

Background



This preview shows how black text looks on a background with the YIQ color 121.5950, -11.9210, 1.2870.



This preview shows how white text looks on a background with the YIQ color 121.5950, -11.9210,

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

121.5950, -11.9210, 1.2870

Protanopia

122.5960, -4.4940, 4.3540

Deuteranopia

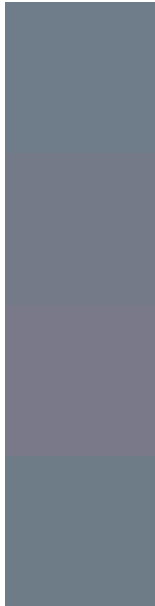
123.5580, -1.3310, 7.6050



Tritanopia

120.9540, -11.5540, 0.1420

Trichromacy



Original Color

121.5950, -11.9210, 1.2870

Protanomaly

122.1010, -7.4740, 3.2940

Deuteranomaly

122.9380, -5.4570, 5.2870

Tritanomaly

121.0680, -11.8750, 0.4530

Monochromacy



Original Color

121.5950, -11.9210, 1.2870

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.9610, -4.2640, 0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.5950, -11.9210, 1.2870 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(111, 124, 137)` looks like.

```
.text, #text, p{  
    color:rgb(111, 124, 137)  
}
```

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(111, 124, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 124, 137) }
```

Border

The CSS property to change the border of an element to YIQ 121.5950, -11.9210, 1.2870 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(111, 124, 137) }
```


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

```
.border{ border-color:rgb(111, 124, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 124, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 124, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 124, 137); box-shadow:4px 4px 4px 4px rgb(111, 124, 137) }
```

Background

The CSS property to change the background color of an element to YIQ 121.5950, -11.9210, 1.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 124, 137) }
```

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

```
.background{ background-color: rgb(111,  
124, 137) }
```

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