

Converting Colors

YIQ(120.6300, -37.3650,
-11.1650)

Have a look what the booklet for
YIQ(120.6300, -37.3650, -11.1650)
contains.

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Color

**YIQ(120.6300, -37.3650,
-11.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8A8F
RGB	78, 138, 143
RGB Percent	31%, 54%, 56%
CMY	0.6942, 0.4587, 0.4394
CMYK	0.45, 0.03, 0.00, 0.44
HSL	185°, 29%, 43%
HSV	185°, 45%, 56%
XYZ	17.1861, 21.7844, 29.2702
YIQ	120.6300, -37.3650, -11.1650

Conversions

Conversions Part 2

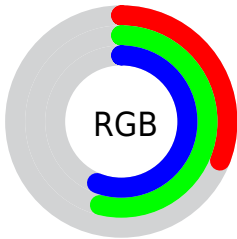
Format	Color
R_{YB}	78, 109, 143
Decimal	5147279
CIE _{Lab}	53.80, -18.11, -8.74
CIE _{LCh}	54, 20.111, 205.750
Yxy	21.7844, 0.2518, 0.3192
Android (android.graphics.Color)	4283337359 (0xFF4E8A8F)
YUV	120.6300, 11.0284, -37.3865
Hunter-Lab	46.6738, -15.9524, -4.5105

Details

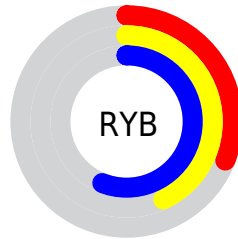
The YIQ color **120.6300, -37.3650, -11.1650** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **100.3700, 37.3650, 11.1650**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3310, -37.9610, -11.3770**, and **68.8360, -40.9410, -12.4370** is the 20% darker color. If you saturate the color by 10%, you get **115.8570, -45.4340, -13.6100**, and if you desaturate by 10%, it is **125.4030, -29.2960, -8.7200**.

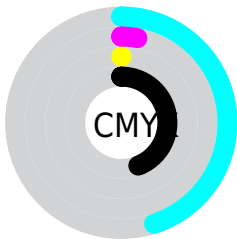
Distribution



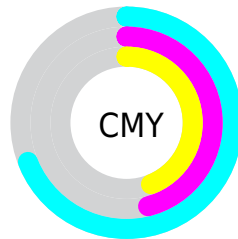
- Red (31%)
- Green (54%)
- Blue (56%)



- Red (31%)
- Yellow (43%)
- Blue (56%)



- Cyan (45%)
- Magenta (3%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (46%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.6300, -37.3650, -11.1650 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 120.6300, -37.3650, -11.1650 by changing the saturation by 10% instead.

■ 120.6300,
-37.3650, -11.1650

■ 120.6300,
-37.3650, -11.1650

■ 255.0000, -0.0000,
-0.0000

■ 94.3310, -37.9610,
-11.3770

■ 174.3310,
-37.9610, -11.3770

■ 68.8360, -40.9410,
-12.4370

■ 202.0320,
-38.5570, -11.5890

■ 45.4340, -39.7490,
-12.0130

■ 230.0320,
-38.5570, -11.5890

■ 30.0120, -26.6370,
-7.3490

■ 243.0400,
-23.8400, -8.4800

■ 16.4650, -14.6710,
-3.9430

■ 251.7110, -6.5560,
-2.3320

■ 0.0000, 0.0000,
0.0000

■ 120.6300,
-37.3650, -11.1650

■ 120.6300,
-37.3650, -11.1650

■ 115.8570,
-45.4340, -13.6100

■ 125.4030,
-29.2960, -8.7200

■ 110.7850,
-54.0990, -16.2670

■ 130.4750,
-20.6310, -6.0630

■ 106.0120,
-62.1680, -18.7120

■ 135.2480,
-12.5620, -3.6180

■ 101.2390,
-70.2370, -21.1570

■ 140.0210, -4.4930,
-1.1730

■ 96.1670, -78.9020,
-23.8140

■ 144.7940, 3.5760,
1.2720


■ 93.7860, -82.2030,
-24.5630

■ 150.4530, 11.9660,
3.4060

■ 155.2260, 20.0350,
5.8510

■ 159.9990, 28.1040,

8.2960

 165.0710, 36.7690,
10.9530

Harmonies

Analogous

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



121.5680, -25.6270, -14.6430



120.6300, -37.3650, -11.1650



122.8460, -37.7330, -4.4930

Triad

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



120.6300, -37.3650, -11.1650



131.2760, 8.5710, 15.3790



128.3210, 20.7250, -6.6590

Complementary

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



120.6300, -37.3650, -11.1650



100.3700, 37.3650, 11.1650

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.



129.4840, 27.8760, 1.4120



120.6300, -37.3650, -11.1650



131.2790, 21.6840, 14.5160

Square

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



120.6300, -37.3650, -11.1650



129.8870, -9.4470, 11.5210



130.7110, 28.9750, 9.0310



125.9170, 7.0630, -12.3690

Rectangle

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



120.6300, -37.3650, -11.1650



125.2430, -31.3610, 1.1750



130.7110, 28.9750, 9.0310



128.7560, 23.9340, -4.2420

Sweetspot

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



120.6300, -37.3650, -11.1650



177.0520, -14.9460, -4.4660



116.6110, -19.1590, -32.7510



88.6290, -9.2610, -2.8690



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.



120.6300, -37.3650, -11.1650



150.8060, -58.5920, -17.4400



101.8460, -28.5650, 5.5710



68.9070, -4.1720, -1.4840



88.7650, -77.7100, -23.3900



5.0210, -4.4930, -1.1730

Inverse Universe

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



104.2750, 19.4800, 32.4400



125.2140, 30.6180, 50.8580



119.1540, 28.5650, -5.5710



66.8910, 1.9250, 3.6610



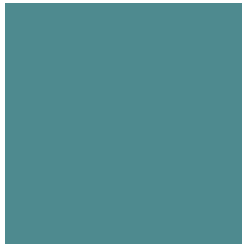
54.6150, 40.3350, 67.4950



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 120.6300, -37.3650, -11.1650 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 120.6300, -37.3650, -11.1650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

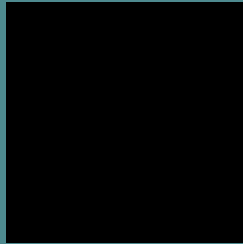
Any Text WCAG AA ✓ Pass

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 120.6300, -37.3650, -11.1650 Background



This preview shows how black text looks on a background with the YIQ color 120.6300, -37.3650, -11.1650.



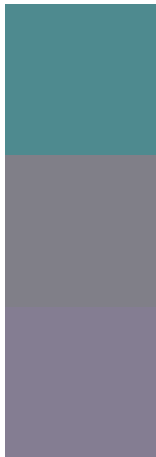
This preview shows how white text looks on a background with the YIQ color 120.6300, -37.3650, -11.1650.

-11.1650.

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

120.6300, -37.3650, -11.1650

Protanopia

128.3250, -2.2930, 3.0110

Deuteranopia

129.4870, -2.5690, 8.0150



Tritanopia

121.2110, -37.5030, -8.6630

Trichromacy



Original Color

120.6300, -37.3650, -11.1650

Protanomaly

125.6330, -15.0840, -1.9640

Deuteranomaly

126.3280, -15.5430, 0.8490

Tritanomaly

120.6840, -37.4570, -9.4970

Monochromacy



Original Color

120.6300, -37.3650, -11.1650

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.6500, -13.7540, -4.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.6300, -37.3650, -11.1650 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(78, 138, 143)` looks like.

```
.text, #text, p{  
    color:rgb(78, 138, 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(78, 138, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 138, 143) }
```

Border

The CSS property to change the border of an element to YIQ 120.6300, -37.3650, -11.1650 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(78, 138, 143) }
```


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

```
.border{ border-color:rgb(78, 138, 143) }
```

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

Here you see how a box with a 4 pixel rgb(78, 138, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 138, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 138, 143);  
box-shadow:4px 4px 4px 4px rgb(78, 138,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 120.6300, -37.3650, -11.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 138, 143) }
```

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

```
.background{ background-color: rgb(78, 138,  
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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