

Converting Colors

YIQ(153.3060, -27.6450,
-11.1090)

Have a look what the booklet for
YIQ(153.3060, -27.6450, -11.1090)
contains.

YIQ(153.3060, -27.6450, -11.1090)	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(153.3060, -27.6450,
-11.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	78A8A5
RGB	120, 168, 165
RGB Percent	47%, 66%, 65%
CMY	0.5295, 0.3411, 0.3530
CMYK	0.29, 0.00, 0.02, 0.34
HSL	176°, 22%, 56%
HSV	176°, 29%, 66%
XYZ	28.5370, 34.7193, 40.7817
YIQ	153.3060, -27.6450, -11.1090

Conversions

Conversions Part 2

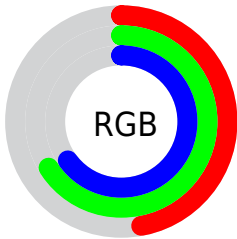
Format	Color
RYB	120, 145, 168
Decimal	7907493
CIELab	65.53, -16.61, -3.60
CIELCh	66, 16.999, 192.221
Yxy	34.7193, 0.2743, 0.3337
Android (android.graphics.Color)	4286097573 (0xFF78A8A5)
YUV	153.3060, 5.7651, -29.2094
Hunter-Lab	58.9231, -16.6661, 0.2105

Details

The YIQ color **153.3060, -27.6450, -11.1090** is a light color, and the websafe version is hex **669999**. A complement of this color would be **134.6940, 27.6450, 11.1090**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **208.0070, -28.2410, -11.3210**, and **101.6050, -27.0490, -10.8970** is the 20% darker color. If you saturate the color by 10%, you get **148.1090, -37.4560, -15.0240**, and if you desaturate by 10%, it is **158.5030, -17.8340, -7.1940**.

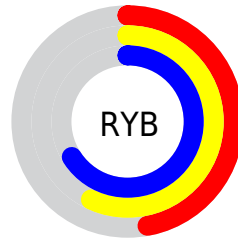
Distribution



Red (47%)

Green (66%)

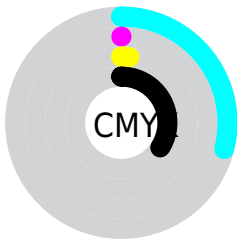
Blue (65%)



Red (47%)

Yellow (57%)

Blue (66%)

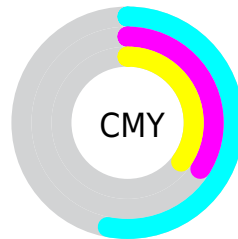


Cyan (29%)

Magenta (0%)

Yellow (2%)

Black (34%)



Cyan (53%)

Magenta (34%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.3060, -27.6450, -11.1090 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 153.3060, -27.6450, -11.1090 by changing the saturation by 10% instead.

■ 153.3060,
-27.6450, -11.1090

■ 153.3060,
-27.6450, -11.1090

■ 255.0000, -0.0000,
-0.0000

■ 127.3060,
-27.6450, -11.1090

■ 208.0070,
-28.2410, -11.3210

■ 101.6050,
-27.0490, -10.8970

■ 236.2950,
-29.1120, -12.0560

■ 76.7190, -27.3700,
-10.5860

■ 247.5250,
-14.9000, -5.3000

■ 52.1210, -28.5620,
-11.0100

■ 31.3170, -26.1780,
-10.1620

■ 17.8840, -14.5330,
-6.4450

■ 0.0000, 0.0000,

0.0000

■ 153.3060,
-27.6450, -11.1090

■ 153.3060,
-27.6450, -11.1090

■ 148.1090,
-37.4560, -15.0240

■ 158.5030,
-17.8340, -7.1940

■ 142.9120,
-47.2670, -18.9390

■ 163.7000, -8.0230,
-3.2790

■ 138.0140,
-56.4820, -22.6420

■ 168.5980, 1.1920,
0.4240

■ 132.8170,
-66.2930, -26.5570

■ 173.7950, 11.0030,
4.3390

■ 127.6200,
-76.1040, -30.4720

■ 178.9920, 20.8140,
8.2540

■ 122.4230,
-85.9150, -34.3870

■ 184.1890, 30.6250,
12.1690

■ 117.2260,
-95.7260, -38.3020

■ 189.3860, 40.4360,
16.0840

■ 116.5140,
-96.5970, -39.0370

■ 194.3980, 49.3300,
20.0980

■ 194.8110, 49.6050,
20.6210

Harmonies

Analogous

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



154.1840, -15.6780, -13.2300



153.3060, -27.6450, -11.1090



154.3150, -31.8640, -6.2320

Triad

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



153.3060, -27.6450, -11.1090



161.3890, 0.8230, 12.6230



159.4400, 22.0080, -2.3760

Complementary

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



153.3060, -27.6450, -11.1090



134.6940, 27.6450, 11.1090

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.



160.9940, 26.5000, 4.3240



153.3060, -27.6450, -11.1090



162.3320, 14.1650, 13.1170

Square

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



153.3060, -27.6450, -11.1090



159.1420, -14.7190, 7.9450



162.0140, 23.7480, 10.1480



157.9610, 12.9310, -8.5810

Rectangle

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



153.3060, -27.6450, -11.1090



155.7330, -29.9850, -1.7370



162.0140, 23.7480, 10.1480



159.6900, 24.3000, 0.1400

Sweetspot

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



153.3060, -27.6450, -11.1090



213.2050, -11.0030, -4.3390



149.0730, -11.4120, -24.4680



106.2980, -6.8310, -2.8550



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



153.3060, -27.6450, -11.1090



196.4180, -42.8200, -16.9320



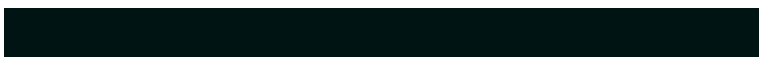
141.3210, -22.8330, 0.8070



81.6080, -4.7680, -1.6960



102.7220, -85.3190, -34.1750



13.9060, -11.5990, -4.5510

Inverse Universe

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



134.6940, 27.6450, 11.1090



167.5820, 42.8200, 16.9320



146.6790, 22.8330, -0.8070



78.3920, 4.7680, 1.6960



45.2780, 85.3190, 34.1750



6.0940, 11.5990, 4.5510

Previews

White Background



This preview shows how the YIQ color 153.3060, -27.6450, -11.1090 looks on a white background.

Color Contrast Check

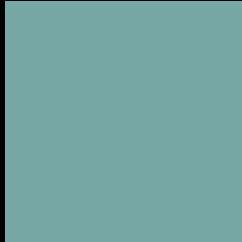
Large Text (above 18pt) WCAG AA × Fail

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 153.3060, -27.6450, -11.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

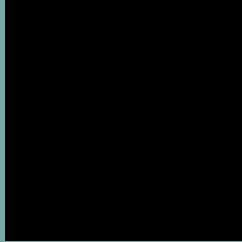
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.3060, -27.6450, -11.1090 Background



This preview shows how black text looks on a background with the YIQ color 153.3060, -27.6450, -11.1090.



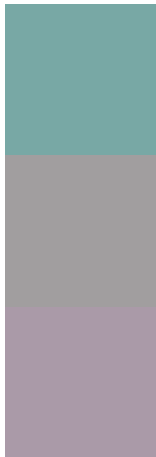
This preview shows how white text looks on a background with the YIQ color 153.3060, -27.6450, -11.1090.

-11.1090.

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

153.3060, -27.6450, -11.1090

Protanopia

159.0110, 1.4670, 0.9470

Deuteranopia

160.3800, 5.0420, 7.7460



Tritanopia

154.6250, -29.8010, -5.0730

Trichromacy



Original Color

153.3060, -27.6450, -11.1090

Protanomaly

157.1020, -9.2150, -3.7030

Deuteranomaly

157.8190, -6.7400, 1.0040

Tritanomaly

154.3430, -29.0670, -7.3630

Monochromacy



Original Color

153.3060, -27.6450, -11.1090

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.8030, -9.8110, -3.9150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.3060, -27.6450, -11.1090 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(120, 168, 165)` looks like.

```
.text, #text, p{  
    color:rgb(120, 168, 165)  
}
```

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(120, 168, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 168, 165) }
```

Border

The CSS property to change the border of an element to YIQ 153.3060, -27.6450, -11.1090 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(120, 168, 165) }
```


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

```
.border{ border-color:rgb(120, 168, 165) }
```

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

Here you see how a box with a 4 pixel rgb(120, 168, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 168, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 168, 165);  
box-shadow:4px 4px 4px 4px rgb(120, 168,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 153.3060, -27.6450, -11.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 168, 165) }
```

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

```
.background{ background-color: rgb(120,  
168, 165) }
```

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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