

Converting Colors

YIQ(127.6220, -44.0550,
-33.1030)

Have a look what the booklet for
YIQ(127.6220, -44.0550, -33.1030)
contains.

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Color

**YIQ(127.6220, -44.0550,
-33.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	41A178
RGB	65, 161, 120
RGB Percent	25%, 63%, 47%
CMY	0.7453, 0.3685, 0.5295
CMYK	0.60, 0.00, 0.26, 0.37
HSL	154°, 43%, 44%
HSV	154°, 60%, 63%
XYZ	18.3155, 27.9806, 22.1932
YIQ	127.6220, -44.0550, -33.1030

Conversions

Conversions Part 2

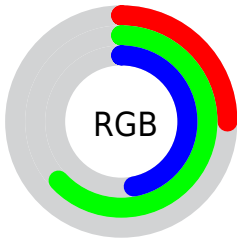
Format	Color
RYB	65, 126, 161
Decimal	4301176
CIELab	59.87, -38.23, 13.11
CIELCh	60, 40.417, 161.072
Yxy	27.9806, 0.2674, 0.4085
Android (android.graphics.Color)	4282491256 (0xFF41A178)
YUV	127.6220, -3.7576, -54.9195
Hunter-Lab	52.8967, -30.7634, 12.1522

Details

The YIQ color **127.6220, -44.0550, -33.1030** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **98.3780, 44.0550, 33.1030**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.5790, -42.4960, -33.8240**, and **72.0770, -52.7660, -34.9260** is the 20% darker color. If you saturate the color by 10%, you get **122.0400, -51.3440, -38.6720**, and if you desaturate by 10%, it is **133.2040, -36.7660, -27.5340**.

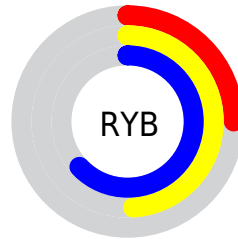
Distribution



Red (25%)

Green (63%)

Blue (47%)



Red (25%)

Yellow (49%)

Blue (63%)

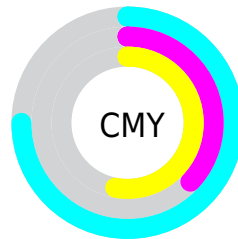


Cyan (60%)

Magenta (0%)

Yellow (26%)

Black (37%)



Cyan (75%)


Magenta (37%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.6220, -44.0550, -33.1030 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 127.6220, -44.0550, -33.1030 by changing the saturation by 10% instead.


 127.6220,
-44.0550, -33.1030


 127.6220,
-44.0550, -33.1030


 255.0000, -0.0000,
-0.0000

 99.3550, -47.6770,
-33.5410


 183.1660,
-42.7710, -34.3470


 72.0770, -52.7660,
-34.9260


 211.1660,
-42.7710, -34.3470

 54.8940, -38.8290,
-28.6930

 228.8990,
-37.2250, -24.7210

 38.4120, -25.4880,
-22.6720

 240.6480,
-28.6080, -10.1760

 23.1210, -11.3670,
-19.7750

 249.3190,
-11.3240, -4.0280

 0.0000, 0.0000,
0.0000

■ 127.6220,
-44.0550, -33.1030

■ 127.6220,
-44.0550, -33.1030

■ 122.0400,
-51.3440, -38.6720

■ 133.2040,
-36.7660, -27.5340

■ 116.4580,
-58.6330, -44.2410

■ 138.7860,
-29.4770, -21.9650

■ 110.8760,
-65.9220, -49.8100

■ 144.3680,
-22.1880, -16.3960

■ 105.2940,
-73.2110, -55.3790

■ 149.8360,
-14.5780, -11.1380

■ 104.9950,
-73.8070, -55.5910

■ 155.4180, -7.2890,
-5.5690

■ 161.2990, 0.5960,
0.2120

■ 166.8810, 7.8850,
5.7810

■ 172.4630, 15.1740,

11.3500

■ 178.0450, 22.4630,
16.9190

Harmonies

Analogous

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



135.8040, -3.5250, -29.7410



127.6220, -44.0550, -33.1030



113.5790, -95.2220, -36.4220

Triad

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



127.6220, -44.0550, -33.1030



141.5260, -41.8630, 15.2970



144.4940, 57.4470, 10.6550

Complementary

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



127.6220, -44.0550, -33.1030



98.3780, 44.0550, 33.1030

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.



145.9410, 52.3550, 25.8510



127.6220, -44.0550, -33.1030



148.2170, -0.9680, 28.5680

Square

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



127.6220, -44.0550, -33.1030



118.6380, -101.7370, -11.9530



147.9190, 32.2260, 32.7220



142.7510, 48.6930, -6.9150

Rectangle

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



127.6220, -44.0550, -33.1030



115.6140, -102.3300, -28.7460



147.9190, 32.2260, 32.7220



145.0690, 57.4460, 16.1820

Sweetspot

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



127.6220, -44.0550, -33.1030



195.8140, -17.5120, -13.0320



133.9100, -1.3680, -41.3040



96.9830, -10.4980, -7.9860



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



127.6220, -44.0550, -33.1030



156.8540, -68.8560, -51.7040



128.7740, -55.5660, -17.2140



78.8530, -4.0800, -3.1520



94.5770, -66.5180, -50.0220



11.7060, -8.1600, -6.3040

Inverse Universe

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



98.3780, 44.0550, 33.1030



111.1460, 68.8560, 51.7040



97.2260, 55.5660, 17.2140



76.1470, 4.0800, 3.1520



50.4230, 66.5180, 50.0220



6.2940, 8.1600, 6.3040

Previews

White Background



This preview shows how the YIQ color 127.6220, -44.0550, -33.1030 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 127.6220, -44.0550, -33.1030 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 127.6220, -44.0550, -33.1030 Background



This preview shows how black text looks on a background with the YIQ color 127.6220, -44.0550, -33.1030.



This preview shows how white text looks on a background with the YIQ color 127.6220, -44.0550, -33.1030.

-33.1030.

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

127.6220, -44.0550, -33.1030

Protanopia

142.3420, 16.2320, -7.8320

Deuteranopia

144.2920, 19.6690, 1.4690



Tritanopia

134.2420, -47.9560, -11.9560

Trichromacy



Original Color

127.6220, -44.0550, -33.1030

Protanomaly

137.2250, -5.7280, -17.3440

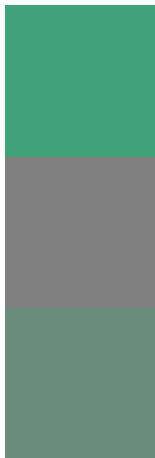
Deuteranomaly

137.9960, -3.3450, -10.9690

Tritanomaly

131.6840, -46.6250, -19.5610

Monochromacy



Original Color

127.6220, -44.0550, -33.1030

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.8250, -16.0450, -12.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.6220, -44.0550, -33.1030 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(65, 161, 120)` looks like.

```
.text, #text, p{  
    color:rgb(65, 161, 120)  
}
```

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(65, 161, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 161, 120) }
```

Border

The CSS property to change the border of an element to YIQ 127.6220, -44.0550, -33.1030 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(65, 161, 120) }
```


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

```
.border{ border-color:rgb(65, 161, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 161, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 161, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 161, 120);  
box-shadow:4px 4px 4px 4px rgb(65, 161,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 127.6220, -44.0550, -33.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 161, 120) }
```

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

```
.background{ background-color: rgb(65, 161,  
120) }
```

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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