

Converting Colors

YIQ(123.9670, -58.2680,
-34.3320)

Have a look what the booklet for
YIQ(123.9670, -58.2680, -34.3320)
contains.

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Color

**YIQ(123.9670, -58.2680,
-34.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	2FA282
RGB	47, 162, 130
RGB Percent	18%, 64%, 51%
CMY	0.8160, 0.3645, 0.4904
CMYK	0.71, 0.00, 0.20, 0.36
HSL	163°, 55%, 41%
HSV	163°, 71%, 64%
XYZ	18.1234, 28.0705, 25.5635
YIQ	123.9670, -58.2680, -34.3320

Conversions

Conversions Part 2

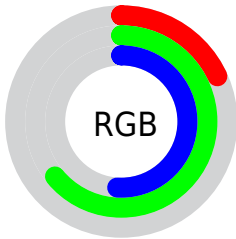
Format	Color
RYB	47, 114, 162
Decimal	3121794
CIELab	59.95, -39.59, 7.57
CIElCh	60, 40.312, 169.175
Yxy	28.0705, 0.2526, 0.3912
Android (android.graphics.Color)	4281311874 (0xFF2FA282)
YUV	123.9670, 2.9743, -67.5001
Hunter-Lab	52.9816, -31.6584, 8.4798

Details

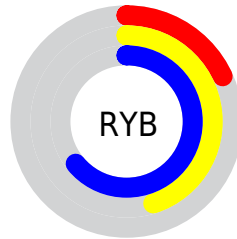
The YIQ color **123.9670, -58.2680, -34.3320** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **85.0330, 58.2680, 34.3320**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.4190, -53.7290, -33.9930**, and **73.2170, -55.9760, -31.8160** is the 20% darker color. If you saturate the color by 10%, you get **118.6130, -66.1990, -39.2790**, and if you desaturate by 10%, it is **129.2070, -50.0160, -29.6960**.

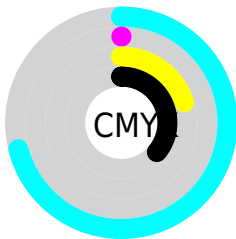
Distribution



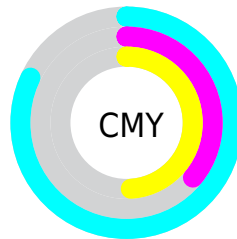
- Red (18%)
- Green (64%)
- Blue (51%)



- Red (18%)
- Yellow (45%)
- Blue (64%)



- Cyan (71%)
- Magenta (0%)
- Yellow (20%)
- Black (36%)





- Cyan (82%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.9670, -58.2680, -34.3320 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 123.9670, -58.2680, -34.3320 by changing the saturation by 10% instead.


 123.9670,
-58.2680, -34.3320

 123.9670,
-58.2680, -34.3320


 255.0000, -0.0000,
-0.0000


 91.2150, -70.8300,
-37.9500


 181.4190,
-53.7290, -33.9930


 73.2170, -55.9760,
-31.8160


 209.6040,
-52.8120, -34.0920

 55.9200, -41.7180,
-25.8940

 226.5650,
-47.9080, -23.8440

 39.3240, -28.0560,
-20.1840

 237.3590,
-35.1640, -12.5080

 24.6030, -15.5400,
-15.7320

 246.0300,
-17.8800, -6.3600

 0.0000, 0.0000,
0.0000

■ 123.9670,
-58.2680, -34.3320

■ 123.9670,
-58.2680, -34.3320

■ 118.6130,
-66.1990, -39.2790

■ 129.2070,
-50.0160, -29.6960

■ 113.3730,
-74.4510, -43.9150

■ 134.5610,
-42.0850, -24.7490

■ 108.4320,
-82.1070, -48.3390

■ 140.2140,
-33.5580, -19.5900

■ 145.4540,
-25.3060, -14.9540

■ 150.8080,
-17.3750, -10.0070

■ 156.0480, -9.1230,
-5.3710

■ 161.4020, -1.1920,
-0.4240

■ 166.9410, 7.6560,

4.4240

■ 172.2950, 15.5870,
9.3710

Harmonies

Analogous

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



134.6010, -13.1990, -30.6310



123.9670, -58.2680, -34.3320



114.7190, -98.4320, -33.3120

Triad

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



123.9670, -58.2680, -34.3320



144.5060, -29.9430, 19.5370



144.2610, 56.4850, 6.0610

Complementary

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



123.9670, -58.2680, -34.3320



85.0330, 58.2680, 34.3320

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.



145.5020, 54.9690, 22.5290



123.9670, -58.2680, -34.3320



148.9470, 8.6600, 30.2920

Square

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



123.9670, -58.2680, -34.3320



130.0650, -77.7140, -1.2820



147.8010, 38.3700, 31.5060



142.6640, 44.3840, -11.4240

Rectangle

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



123.9670, -58.2680, -34.3320



115.9390, -104.6230, -25.7350



147.8010, 38.3700, 31.5060



145.0210, 57.4010, 11.4890

Sweetspot

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



123.9670, -58.2680, -34.3320



197.0630, -22.6470, -13.5830



124.3720, -11.9570, -53.1490



98.1290, -13.8450, -7.9010



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



123.9670, -58.2680, -34.3320



152.3660, -90.9090, -54.0210



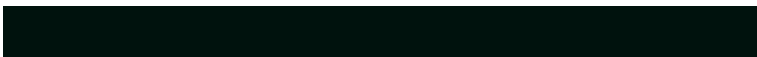
112.9400, -61.6650, -11.3050



78.9670, -4.4010, -2.8410



97.0850, -73.5800, -43.1800



12.0480, -9.1230, -5.3710

Inverse Universe

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



85.0330, 58.2680, 34.3320



91.5200, 91.2300, 53.7100



96.0600, 61.6650, 11.3050



76.0330, 4.4010, 2.8410



48.0290, 73.2590, 43.4910



5.9520, 9.1230, 5.3710

Previews

White Background



This preview shows how the YIQ color 123.9670, -58.2680, -34.3320 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 123.9670, -58.2680, -34.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

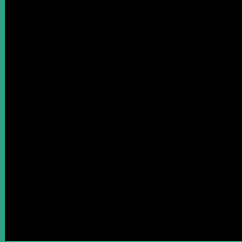
Any Text WCAG AA ✓ Pass

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 123.9670, -58.2680, -34.3320 Background



This preview shows how black text looks on a background with the YIQ color 123.9670, -58.2680, -34.3320.



This preview shows how white text looks on a background with the YIQ color 123.9670, -58.2680, -34.3320.

-34.3320.

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

123.9670, -58.2680, -34.3320

Protanopia

142.7700, 12.1510, -5.4570

Deuteranopia

144.8230, 13.8000, 3.2080



Tritanopia

131.1590, -58.0880, -15.5600

Trichromacy



Original Color

123.9670, -58.2680, -34.3320

Protanomaly

135.9730, -13.7060, -15.9300

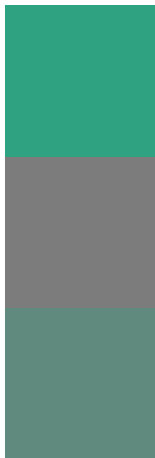
Deuteranomaly

137.0320, -12.1940, -10.2900

Tritanomaly

128.6440, -58.3160, -22.4440

Monochromacy



Original Color

123.9670, -58.2680, -34.3320

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.0740, -21.1800, -12.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.9670, -58.2680, -34.3320 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(47, 162, 130)` looks like.

```
.text, #text, p{  
    color:rgb(47, 162, 130)  
}
```

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(47, 162, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 162, 130) }
```

Border

The CSS property to change the border of an element to YIQ 123.9670, -58.2680, -34.3320 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(47, 162, 130) }
```


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

```
.border{ border-color:rgb(47, 162, 130) }
```

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

Here you see how a box with a 4 pixel rgb(47, 162, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 162, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 162, 130);  
box-shadow:4px 4px 4px 4px rgb(47, 162,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 123.9670, -58.2680, -34.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 162, 130) }
```

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

```
.background{ background-color: rgb(47, 162,  
130) }
```

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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