

Converting Colors

YIQ(122.8610, -16.8670,
-30.2350)

Have a look what the booklet for
YIQ(122.8610, -16.8670, -30.2350)
contains.

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Color

**YIQ(122.8610, -16.8670,
-30.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	58935A
RGB	88, 147, 90
RGB Percent	35%, 58%, 35%
CMY	0.6551, 0.4234, 0.6471
CMYK	0.40, 0.00, 0.39, 0.42
HSL	122°, 25%, 46%
HSV	122°, 40%, 58%
XYZ	16.3030, 23.6857, 13.3841
YIQ	122.8610, -16.8670, -30.2350

Conversions

Conversions Part 2

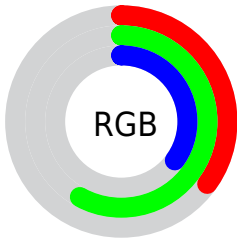
Format	Color
R_{YB}	88, 145, 147
Decimal	5804890
CIE Lab	55.77, -31.55, 24.30
CIE LCh	56, 39.826, 142.396
Yxy	23.6857, 0.3055, 0.4438
Android (android.graphics.Color)	4283994970 (0xFF58935A)
YUV	122.8610, -16.2005, -30.5731
Hunter-Lab	48.6680, -25.3742, 17.7623

Details

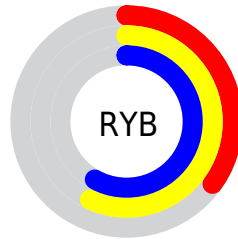
The YIQ color **122.8610, -16.8670, -30.2350** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **112.1390, 16.8670, 30.2350**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.2200, -16.5000, -31.3800**, and **72.3170, -18.1510, -28.9910** is the 20% darker color. If you saturate the color by 10%, you get **116.7800, -21.3130, -37.7690**, and if you desaturate by 10%, it is **128.9420, -12.4210, -22.7010**.

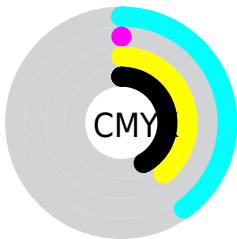
Distribution



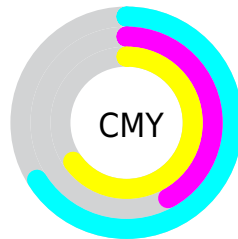
- Red (35%)
- Green (58%)
- Blue (35%)



- Red (35%)
- Yellow (57%)
- Blue (58%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (42%)



- Cyan (66%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.8610, -16.8670, -30.2350 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 122.8610, -16.8670, -30.2350 by changing the saturation by 10% instead.

■ 122.8610,
-16.8670, -30.2350

■ 122.8610,
-16.8670, -30.2350

■ 255.0000, -0.0000,
-0.0000

■ 97.0890, -17.5090,
-29.6130

■ 176.2200,
-16.5000, -31.3800

■ 72.0180, -18.7470,
-29.2030

■ 204.2800,
-16.7290, -32.7370

■ 46.1530, -23.5610,
-30.0650

■ 230.5190,
-15.9040, -31.1680

■ 28.1760, -13.2000,
-25.1040

■ 242.0830, -8.2040,
-16.5240

■ 17.0230, -7.9750,
-15.1670

■ 253.9460, 0.0920,
-1.6680

■ 0.0000, 0.0000,
0.0000

■ 122.8610,
-16.8670, -30.2350

■ 122.8610,
-16.8670, -30.2350

■ 116.7800,
-21.3130, -37.7690

■ 128.9420,
-12.4210, -22.7010

■ 110.9980,
-25.1630, -45.0910

■ 134.7240, -8.5710,
-15.3790

■ 104.8030,
-29.2880, -52.9360

■ 140.9190, -4.4460,
-7.5340

■ 98.7220, -33.7340,
-60.4700

■ 147.0000, -0.0000,
0.0000

■ 92.6410, -38.1800,
-68.0040

■ 152.7820, 3.8500,
7.3220

■ 86.8590, -42.0300,
-75.3260

■ 158.8630, 8.2960,
14.8560

■ 164.9440, 12.7420,
22.3900

■ 171.1390, 16.8670,

30.2350

■ 176.9210, 20.7170,
37.5570

Harmonies

Analogous

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



128.3890, 16.8770, -25.0350



122.8610, -16.8670, -30.2350



108.9380, -68.4920, -36.2680

Triad

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



122.8610, -16.8670, -30.2350



120.4570, -72.9460, 0.4140



134.7360, 54.1900, 20.1260

Complementary

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



122.8610, -16.8670, -30.2350



112.1390, 16.8670, 30.2350

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.



136.3450, 39.6540, 30.2620



122.8610, -16.8670, -30.2350



134.4850, -25.4500, 20.7100

Square

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



122.8610, -16.8670, -30.2350



108.3080, -101.0480, -18.9360



137.8010, 12.0070, 30.2070



133.1250, 53.8720, 3.8560

Rectangle

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



122.8610, -16.8670, -30.2350



105.3950, -88.7120, -33.2560



137.8010, 12.0070, 30.2070



134.8160, 51.2090, 24.5930

Sweetspot

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



122.8610, -16.8670, -30.2350



181.6150, -6.6460, -11.7180



139.6760, 17.7470, -18.7730



91.3320, -4.1710, -7.0110



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



122.8610, -16.8670, -30.2350



153.4600, -26.5840, -46.8720



126.1670, -26.1760, -21.2160



71.1090, -1.9250, -3.6610



81.5760, -39.5550, -70.6190



5.8700, -2.7500, -5.2300

Inverse Universe

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



112.1390, 16.8670, 30.2350



136.6540, 26.2630, 47.1830



108.8330, 26.1760, 21.2160



69.8910, 1.9250, 3.6610



56.4240, 39.5550, 70.6190



4.1300, 2.7500, 5.2300

Previews

White Background



This preview shows how the YIQ color 122.8610, -16.8670, -30.2350 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 122.8610, -16.8670, -30.2350 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 122.8610, -16.8670, -30.2350 Background



This preview shows how black text looks on a background with the YIQ color 122.8610, -16.8670, -30.2350.



This preview shows how white text looks on a background with the YIQ color 122.8610, -16.8670, -30.2350.

-30.2350.

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

122.8610, -16.8670, -30.2350

Protanopia

131.0020, 22.8810, -12.6950

Deuteranopia

132.5070, 29.0690, -3.6910



Tritanopia

129.2940, -27.3710, -5.0590

Trichromacy



Original Color

122.8610, -16.8670, -30.2350

Protanomaly

127.8860, 8.3480, -19.1400

Deuteranomaly

129.0270, 12.5650, -12.9630

Tritanomaly

127.3510, -23.5180, -14.3180

Monochromacy



Original Color

122.8610, -16.8670, -30.2350

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0280, -6.3710, -11.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.8610, -16.8670, -30.2350 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(88, 147, 90)` looks like.

```
.text, #text, p{  
    color:rgb(88, 147, 90)  
}
```

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(88, 147, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 147, 90) }
```

Border

The CSS property to change the border of an element to YIQ 122.8610, -16.8670, -30.2350 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(88, 147, 90) }
```


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

```
.border{ border-color:rgb(88, 147, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 147, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 147, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 147, 90);  
box-shadow:4px 4px 4px 4px rgb(88, 147,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 122.8610, -16.8670, -30.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 147, 90) }
```

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

```
.background{ background-color: rgb(88, 147,  
90) }
```

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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