

Converting Colors

YIQ(127.5950, -30.2570,
-18.8410)

Have a look what the booklet for
YIQ(127.5950, -30.2570, -18.8410)
contains.

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Color

**YIQ(127.5950, -30.2570,
-18.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	579481
RGB	87, 148, 129
RGB Percent	34%, 58%, 51%
CMY	0.6590, 0.4195, 0.4942
CMYK	0.41, 0.00, 0.13, 0.42
HSL	161°, 26%, 46%
HSV	161°, 41%, 58%
XYZ	18.4813, 24.7964, 24.5716
YIQ	127.5950, -30.2570, -18.8410

Conversions

Conversions Part 2

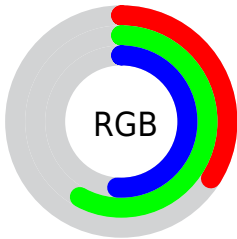
Format	Color
RYB	87, 123, 148
Decimal	5739649
CIELab	56.88, -24.45, 3.88
CIELCh	57, 24.761, 170.974
Yxy	24.7964, 0.2724, 0.3655
Android (android.graphics.Color)	4283929729 (0xFF579481)
YUV	127.5950, 0.6927, -35.6018
Hunter-Lab	49.7960, -20.8944, 5.6008

Details

The YIQ color **127.5950, -30.2570, -18.8410** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **107.4050, 30.2570, 18.8410**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.1820, -30.5320, -19.3640**, and **76.5240, -31.4950, -18.4310** is the 20% darker color. If you saturate the color by 10%, you get **122.5400, -37.5920, -23.5760**, and if you desaturate by 10%, it is **132.6500, -22.9220, -14.1060**.

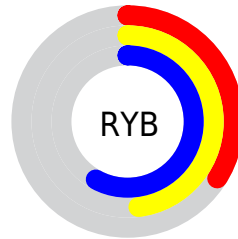
Distribution



Red (34%)

Green (58%)

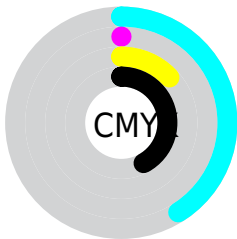
Blue (51%)



Red (34%)

Yellow (48%)

Blue (58%)

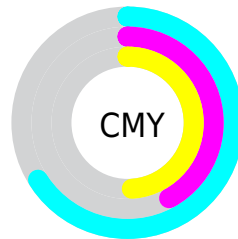


Cyan (41%)

Magenta (0%)

Yellow (13%)

Black (42%)



Cyan (66%)

Magenta (42%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.5950, -30.2570, -18.8410 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 127.5950, -30.2570, -18.8410 by changing the saturation by 10% instead.

■ 127.5950,
-30.2570, -18.8410

■ 127.5950,
-30.2570, -18.8410

■ 255.0000, -0.0000,
-0.0000

■ 101.7090,
-30.5780, -18.5300

■ 181.1820,
-30.5320, -19.3640

■ 76.5240, -31.4950,
-18.4310

■ 209.3560,
-31.0820, -20.4100

■ 49.9470, -37.1800,
-20.0280

■ 235.1220,
-30.3030, -18.0070

■ 33.3400, -24.9850,
-15.2650

■ 245.4320,
-19.0720, -6.7840

■ 19.2060, -12.7440,
-11.3360

■ 254.1030, -1.7880,
-0.6360

■ 0.0000, 0.0000,
0.0000

■ 127.5950,
-30.2570, -18.8410

■ 127.5950,
-30.2570, -18.8410

■ 122.5400,
-37.5920, -23.5760

■ 132.6500,
-22.9220, -14.1060

■ 117.5990,
-45.2480, -28.0000

■ 137.5910,
-15.2660, -9.6820

■ 112.8430,
-51.9870, -32.5230

■ 142.3470, -8.5270,
-5.1590

■ 107.7880,
-59.3220, -37.2580

■ 147.2880, -0.8710,
-0.7350

■ 102.8470,
-66.9780, -41.6820

■ 152.3430, 6.4640,
4.0000

■ 98.5040, -73.4420,
-45.6820

■ 157.3980, 13.7990,
8.7350

■ 162.3390, 21.4550,
13.1590

■ 167.0950, 28.1940,

17.6820

■ 172.1500, 35.5290,
22.4170

Harmonies

Analogous

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



130.7300, -8.7080, -18.4040



127.5950, -30.2570, -18.8410



125.0200, -47.4510, -15.6030

Triad

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



127.5950, -30.2570, -18.8410



137.4180, -15.3160, 13.2600



137.5450, 35.0740, 3.1220

Complementary

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



127.5950, -30.2570, -18.8410



107.4050, 30.2570, 18.8410

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.



138.7550, 34.8430, 12.8190



127.5950, -30.2570, -18.8410



139.9000, 6.8740, 18.6020

Square

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



127.5950, -30.2570, -18.8410



132.1870, -36.9550, 3.4370



139.7680, 24.8010, 18.6010



136.0290, 27.4190, -6.8290

Rectangle

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



127.5950, -30.2570, -18.8410



125.6160, -51.9450, -11.2490



139.7680, 24.8010, 18.6010



138.1370, 36.4030, 6.5710

Sweetspot

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



127.5950, -30.2570, -18.8410



183.3250, -11.4610, -7.0530



128.4880, -5.4510, -27.8750



92.3580, -7.0600, -4.2120



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.



127.5950, -30.2570, -18.8410



159.1750, -46.9900, -29.4700



123.3040, -33.3310, -7.1790



71.6790, -3.5300, -2.1060



91.8360, -68.4450, -42.6290



6.6680, -4.9970, -3.0530

Inverse Universe

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



107.4050, 30.2570, 18.8410



127.7110, 47.3110, 29.1590



111.6960, 33.3310, 7.1790



69.3210, 3.5300, 2.1060



46.1640, 68.4450, 42.6290



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 127.5950, -30.2570, -18.8410 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 127.5950, -30.2570, -18.8410 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 127.5950, -30.2570, -18.8410 Background



This preview shows how black text looks on a background with the YIQ color 127.5950, -30.2570, -18.8410.



This preview shows how white text looks on a background with the YIQ color 127.5950, -30.2570, -18.8410.

-18.8410.

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

127.5950, -30.2570, -18.8410

Protanopia

135.3120, 7.7490, -2.7710

Deuteranopia

136.9090, 10.6820, 4.6500



Tritanopia

130.4180, -33.6520, -6.8680

Trichromacy



Original Color

127.5950, -30.2570, -18.8410

Protanomaly

132.6090, -6.5090, -8.6930

Deuteranomaly

133.4400, -4.3550, -3.6750

Tritanomaly

128.9680, -32.5050, -11.1370

Monochromacy



Original Color

127.5950, -30.2570, -18.8410

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.6240, -10.8650, -6.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.5950, -30.2570, -18.8410 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(87, 148, 129)` looks like.

```
.text, #text, p{  
    color:rgb(87, 148, 129)  
}
```

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(87, 148, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 148, 129) }
```

Border

The CSS property to change the border of an element to YIQ 127.5950, -30.2570, -18.8410 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(87, 148, 129) }
```


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

```
.border{ border-color:rgb(87, 148, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 148, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 148, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 148, 129);  
box-shadow:4px 4px 4px 4px rgb(87, 148,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 127.5950, -30.2570, -18.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 148, 129) }
```

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

```
.background{ background-color: rgb(87, 148,  
129) }
```

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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