

Converting Colors

YIQ(124.1930, -27.9240,
10.4760)

Have a look what the booklet for
YIQ(124.1930, -27.9240, 10.4760)
contains.

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Color

**YIQ(124.1930, -27.9240,
10.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	687DAD
RGB	104, 125, 173
RGB Percent	41%, 49%, 68%
CMY	0.5922, 0.5098, 0.3217
CMYK	0.40, 0.28, 0.00, 0.32
HSL	222°, 30%, 54%
HSV	222°, 40%, 68%
XYZ	20.5822, 20.6279, 42.4128
YIQ	124.1930, -27.9240, 10.4760

Conversions

Conversions Part 2

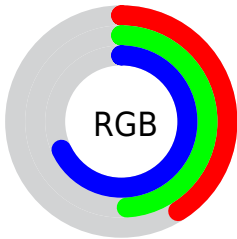
Format	Color
RYB	104, 120, 173
Decimal	6847917
CIELab	52.54, 4.82, -27.89
CIELCh	53, 28.306, 279.811
Yxy	20.6279, 0.2461, 0.2467
Android (android.graphics.Color)	4285037997 (0xFF687DAD)
YUV	124.1930, 24.0619, -17.7093
Hunter-Lab	45.4180, 1.4101, -23.5744

Details

The YIQ color $124.1930, -27.9240, 10.4760$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $152.8070, 27.9240, -10.4760$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.9480, -28.6120, 11.9320$, and $73.8400, -28.4280, 8.5960$ is the 20% darker color. If you saturate the color by 10%, you get $112.0660, -34.7560, 13.1480$, and if you desaturate by 10%, it is $136.3200, -21.0920, 7.8040$.

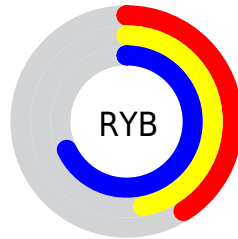
Distribution



Red (41%)

Green (49%)

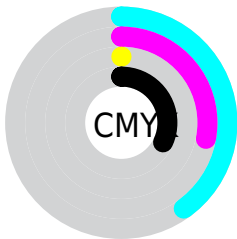
Blue (68%)



Red (41%)

Yellow (47%)

Blue (68%)

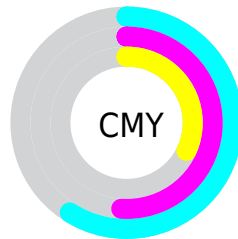


Cyan (40%)

Magenta (28%)

Yellow (0%)

Black (32%)



Cyan (59%)

Magenta (51%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.1930, -27.9240, 10.4760 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 124.1930, -27.9240, 10.4760 by changing the saturation by 10% instead.

■ 124.1930,
-27.9240, 10.4760

■ 124.1930,
-27.9240, 10.4760

■ 255.0000, -0.0000,
-0.0000

■ 98.6660, -27.8780,
9.6420

■ 176.9480,
-28.6120, 11.9320

■ 73.8400, -28.4280,
8.5960

■ 204.7200,
-27.9700, 11.3100

■ 50.0030, -30.4450,
6.6030

■ 229.5280,
-18.9820, 2.6020

■ 27.4650, -31.8660,
4.8220

■ 251.1130, -7.7480,
-2.7560

■ 10.8690, -18.2040,
10.5320

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,

0.0000

■ 124.1930,
-27.9240, 10.4760

■ 124.1930,
-27.9240, 10.4760

■ 112.0660,
-34.7560, 13.1480

■ 136.3200,
-21.0920, 7.8040

■ 99.6400, -42.1840,
15.6080

■ 148.7460,
-13.6640, 5.3440

■ 87.5130, -49.0160,
18.2800

■ 160.8730, -6.8320,
2.6720

■ 75.3860, -55.8480,
20.9520

■ 173.0000, -0.0000,
0.0000

■ 63.2590, -62.6800,
23.6240

■ 185.1270, 6.8320,
-2.6720

■ 50.8330, -70.1080,
26.0840

■ 197.5530, 14.2600,
-5.1320

■ 209.6800, 21.0920,
-7.8040

■ 221.8070, 27.9240,
-10.4760

■ 232.7380, 32.3720,
-13.9960

Harmonies

Analogous

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



116.0000, -52.7260, -2.5980



124.1930, -27.9240, 10.4760



128.2350, -1.3790, 19.4930

Triad

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



124.1930, -27.9240, 10.4760



126.8170, 40.3000, 7.5320



116.0530, -25.8550, -21.5270

Complementary

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



124.1930, -27.9240, 10.4760



152.8070, 27.9240, -10.4760

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.



119.9820, -0.7300, -19.8180



124.1930, -27.9240, 10.4760



125.0300, 34.8460, -3.7620

Square

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



124.1930, -27.9240, 10.4760



127.9880, 35.8050, 17.4130



122.8060, 20.4970, -13.5430



110.8080, -52.9060, -21.3700

Rectangle

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



124.1930, -27.9240, 10.4760



128.9010, 14.3010, 21.6690



122.8060, 20.4970, -13.5430



117.5440, -17.0520, -21.3720

Sweetspot

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



124.1930, -27.9240, 10.4760



205.3610, -11.1420, 3.6900



149.8610, -34.0620, -21.4700



100.7590, -6.5110, 2.3610



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



124.1930, -27.9240, 10.4760



148.5690, -43.4220, 16.0180



115.7530, -14.4010, 24.2150



80.7870, -3.7140, 1.2300



44.1020, -60.8000, 22.5920



6.7310, -9.3080, 3.4920

Inverse Universe

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



127.0250, 34.3830, 21.1590



152.7550, 53.1790, 32.9470



161.2470, 14.4010, -24.2150



81.0330, 4.4010, 2.8410



50.0940, 74.6340, 46.1060



7.6750, 11.4610, 7.0530

Previews

White Background



This preview shows how the YIQ color 124.1930, -27.9240, 10.4760 looks on a white background.

Color Contrast Check

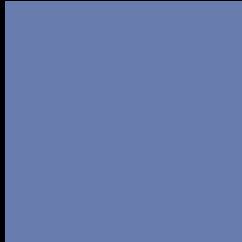
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.1930, -27.9240, 10.4760 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

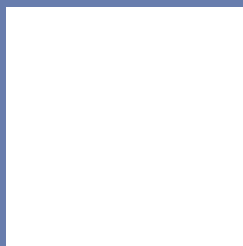
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 124.1930, -27.9240, 10.4760

Background



This preview shows how black text looks on a background with the YIQ color 124.1930, -27.9240, 10.4760.



This preview shows how white text looks on a background with the YIQ color 124.1930, -27.9240,

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

124.1930, -27.9240, 10.4760

Protanopia

124.9980, -22.8810, 12.6950

Deuteranopia

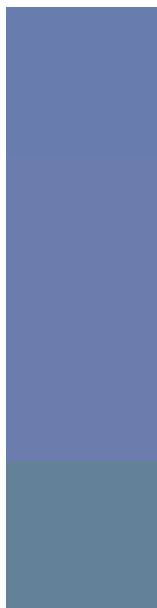
125.1010, -24.6690, 12.0590



Tritanopia

121.6750, -24.0700, -4.3100

Trichromacy



Original Color

124.1930, -27.9240, 10.4760

Protanomaly

124.6880, -24.9440, 11.5360

Deuteranomaly

124.5030, -25.8610, 11.6350

Tritanomaly

122.7660, -25.5840, 1.1040

Monochromacy



Original Color

124.1930, -27.9240, 10.4760

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9590, -9.9500, 4.1140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.1930, -27.9240, 10.4760 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(104, 125, 173)` looks like.

```
.text, #text, p{  
    color:rgb(104, 125, 173)  
}
```

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(104, 125, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 125, 173) }
```

Border

The CSS property to change the border of an element to YIQ 124.1930, -27.9240, 10.4760 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(104, 125, 173) }
```


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

```
.border{ border-color:rgb(104, 125, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 125, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 125, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 125, 173);  
box-shadow:4px 4px 4px 4px rgb(104, 125,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 124.1930, -27.9240, 10.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 125, 173) }
```

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

```
.background{ background-color: rgb(104,  
125, 173) }
```

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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