

Converting Colors

YIQ(124.1490, -16.5970,
-2.0770)

Have a look what the booklet for
YIQ(124.1490, -16.5970, -2.0770)
contains.

YIQ(124.1490, -16.5970, -2.0770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(124.1490, -16.5970,
-2.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	6B828B
RGB	107, 130, 139
RGB Percent	42%, 51%, 55%
CMY	0.5804, 0.4901, 0.4550
CMYK	0.23, 0.06, 0.00, 0.45
HSL	197°, 13%, 48%
HSV	197°, 23%, 55%
XYZ	18.7047, 20.9564, 27.4781
YIQ	124.1490, -16.5970, -2.0770

Conversions

Conversions Part 2

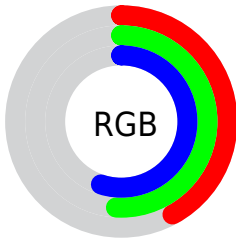
Format	Color
R_{YB}	107, 120, 139
Decimal	7045771
CIE Lab	52.90, -6.16, -7.59
CIE LCh	53, 9.776, 230.947
Yxy	20.9564, 0.2786, 0.3121
Android (android.graphics.Color)	4285235851 (0xFF6B828B)
YUV	124.1490, 7.3215, -15.0397
Hunter-Lab	45.7782, -7.1778, -3.5438

Details

The YIQ color $124.1490, -16.5970, -2.0770$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $121.8510, 16.5970, 2.0770$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.8500, -17.1930, -2.2890$, and $75.3340, -15.6800, -2.1760$ is the 20% darker color. If you saturate the color by 10%, you get $117.6150, -23.8410, -2.9530$, and if you desaturate by 10%, it is $130.6830, -9.3530, -1.2010$.

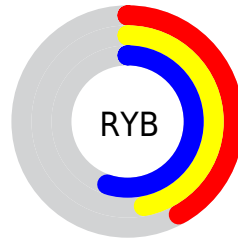
Distribution



Red (42%)

Green (51%)

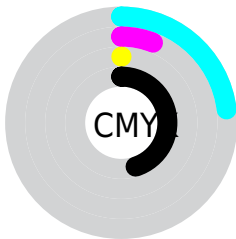
Blue (55%)



Red (42%)

Yellow (47%)

Blue (55%)

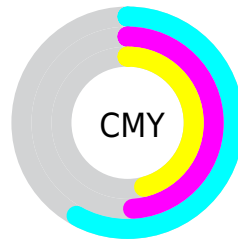


Cyan (23%)

Magenta (6%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (49%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.1490, -16.5970, -2.0770 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 124.1490, -16.5970, -2.0770 by changing the saturation by 10% instead.

■ 124.1490,
-16.5970, -2.0770

■ 124.1490,
-16.5970, -2.0770

■ 255.0000, -0.0000,
-0.0000

■ 99.1490, -16.5970,
-2.0770

■ 176.8500,
-17.1930, -2.2890

■ 75.3340, -15.6800,
-2.1760

■ 204.5510,
-17.7890, -2.5010

■ 52.3340, -15.6800,
-2.1760

■ 232.6650,
-18.1100, -2.1900

■ 30.3340, -15.6800,
-2.1760

■ 251.1130, -7.7480,
-2.7560

■ 11.4270, -11.5080,
-0.6920

■ 0.0000, 0.0000,
0.0000

■ 124.1490,
-16.5970, -2.0770

■ 124.1490,
-16.5970, -2.0770

■ 117.6150,
-23.8410, -2.9530

■ 130.6830, -9.3530,
-1.2010

■ 111.0810,
-31.0850, -3.8290

■ 137.2170, -2.1090,
-0.3250

■ 104.5470,
-38.3290, -4.7050

■ 143.7510, 5.1350,
0.5510

■ 98.0130, -45.5730,
-5.5810

■ 150.2850, 12.3790,
1.4270

■ 92.0660, -53.0920,
-6.9800

■ 155.9330, 19.3020,
2.6140

■ 85.8310, -59.7400,
-7.6440

■ 162.4670, 26.5460,
3.4900

■ 79.2970, -66.9840,
-8.5200

■ 169.0010, 33.7900,
4.3660

■ 74.5460, -72.1190,

■ 175.5350, 41.0340,

-9.0710

5.2420

 182.0690, 48.2780,
6.1180

Harmonies

Analogous

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



123.3400, -15.8170, -5.2010



124.1490, -16.5970, -2.0770



125.5240, -13.1590, 1.6970

Triad

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



124.1490, -16.5970, -2.0770



128.1910, 9.9480, 6.9400



125.7630, 4.8610, -5.4990

Complementary

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



124.1490, -16.5970, -2.0770



121.8510, 16.5970, 2.0770

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.



126.5790, 11.3710, -2.3330



124.1490, -16.5970, -2.0770



127.8770, 13.7080, 4.8760

Square

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



124.1490, -16.5970, -2.0770



127.5970, 2.9330, 7.4210



127.0680, 14.4880, 1.7520



124.5170, -3.2540, -7.1100

Rectangle

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



124.1490, -16.5970, -2.0770



126.4430, -8.4370, 4.2270



127.0680, 14.4880, 1.7520



125.9590, 7.2450, -4.6510

Sweetspot

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



124.1490, -16.5970, -2.0770



174.7650, -6.6480, -0.6640



126.8100, -11.6890, -13.9370



88.4340, -4.2180, -0.6500



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



124.1490, -16.5970, -2.0770



157.5330, -26.5460, -3.4900



114.7570, -12.1970, 6.2910



65.7330, -3.6220, -0.4380



70.9270, -68.8180, -8.3220



2.9180, -2.7050, -0.5370

Inverse Universe

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



119.1900, 11.6890, 13.9370



149.4670, 18.5190, 22.3190



131.2430, 12.1970, -6.2910



64.6630, 2.5670, 3.0390



50.5970, 48.7730, 57.7410



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 124.1490, -16.5970, -2.0770 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 124.1490, -16.5970, -2.0770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

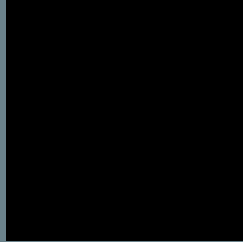
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.1490, -16.5970, -2.0770

Background



This preview shows how black text looks on a background with the YIQ color 124.1490, -16.5970, -2.0770.



This preview shows how white text looks on a background with the YIQ color 124.1490, -16.5970, -2.0770.

-2.0770.

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

124.1490, -16.5970, -2.0770

Protanopia

126.2540, -3.5310, 3.4210

Deuteranopia

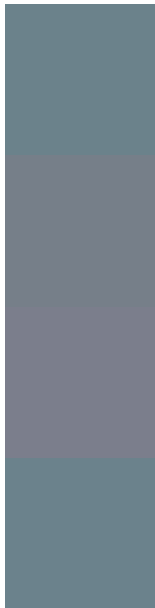
127.6290, -0.0930, 7.1950



Tritanopia

124.2630, -16.9180, -1.7660

Trichromacy



Original Color

124.1490, -16.5970, -2.0770

Protanomaly

125.4490, -8.5740, 1.2020

Deuteranomaly

126.6990, -6.2820, 3.7180

Tritanomaly

124.2630, -16.9180, -1.7660

Monochromacy



Original Color

124.1490, -16.5970, -2.0770

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9500, -5.7310, -0.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.1490, -16.5970, -2.0770 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(107, 130, 139)` looks like.

```
.text, #text, p{  
    color:rgb(107, 130, 139)  
}
```

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(107, 130, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 130, 139) }
```

Border

The CSS property to change the border of an element to YIQ 124.1490, -16.5970, -2.0770 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(107, 130, 139) }
```


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

```
.border{ border-color:rgb(107, 130, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 130, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 130, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 130, 139); box-shadow:4px 4px 4px 4px rgb(107, 130, 139) }
```

Background

The CSS property to change the background color of an element to YIQ 124.1490, -16.5970, -2.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 130, 139) }
```

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

```
.background{ background-color: rgb(107,  
130, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor