

Converting Colors

YIQ(119.2020, -24.1160,
-3.4760)

Have a look what the booklet for
YIQ(119.2020, -24.1160, -3.4760)
contains.

YIQ(119.2020, -24.1160, -3.4760)	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(119.2020, -24.1160,
-3.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	5E808C
RGB	94, 128, 140
RGB Percent	37%, 50%, 55%
CMY	0.6314, 0.4980, 0.4511
CMYK	0.33, 0.09, 0.00, 0.45
HSL	196°, 20%, 46%
HSV	196°, 33%, 55%
XYZ	17.0669, 19.7134, 27.7061
YIQ	119.2020, -24.1160, -3.4760

Conversions

Conversions Part 2

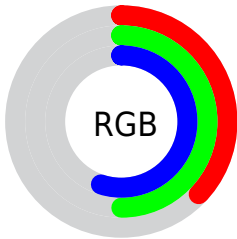
Format	Color
R_{YB}	94, 114, 140
Decimal	6193292
CIE _{Lab}	51.51, -8.92, -10.34
CIE _{LCh}	52, 13.652, 229.219
Yxy	19.7134, 0.2647, 0.3057
Android (android.graphics.Color)	4284383372 (0xFF5E808C)
YUV	119.2020, 10.2534, -22.1022
Hunter-Lab	44.3998, -9.0860, -5.9180

Details

The YIQ color $[119.2020, -24.1160, -3.4760]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[114.7980, 24.1160, 3.4760]$, and the grayscale version is $[119.0000, -0.0000, 0.0000]$.

A 20% lighter version of the original color is $[172.0170, -25.0330, -3.3770]$, and $[70.0880, -23.7950, -3.7870]$ is the 20% darker color. If you saturate the color by 10%, you get $[112.6680, -31.3600, -4.3520]$, and if you desaturate by 10%, it is $[125.7360, -16.8720, -2.6000]$.

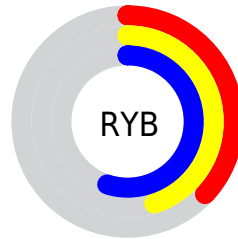
Distribution



Red (37%)

Green (50%)

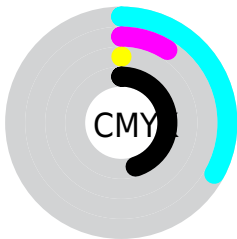
Blue (55%)



Red (37%)

Yellow (45%)

Blue (55%)

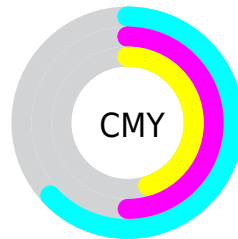


Cyan (33%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (63%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.2020, -24.1160, -3.4760 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 119.2020, -24.1160, -3.4760 by changing the saturation by 10% instead.

■ 119.2020,
-24.1160, -3.4760

■ 119.2020,
-24.1160, -3.4760

■ 255.0000, -0.0000,
-0.0000

■ 94.0880, -23.7950,
-3.7870

■ 172.0170,
-25.0330, -3.3770

■ 70.0880, -23.7950,
-3.7870

■ 199.0170,
-25.0330, -3.3770

■ 46.4900, -24.9870,
-4.2110

■ 227.7180,
-25.6290, -3.5890

■ 24.9740, -23.4740,
-4.0980

■ 247.2260,
-15.4960, -5.5120

■ 9.7800, -11.0040,
1.1880

■ 0.0000, 0.0000,
0.0000

■ 119.2020,
-24.1160, -3.4760

■ 119.2020,
-24.1160, -3.4760

■ 112.6680,
-31.3600, -4.3520

■ 125.7360,
-16.8720, -2.6000

■ 106.7210,
-38.8790, -5.7510

■ 131.6830, -9.3530,
-1.2010

■ 100.1870,
-46.1230, -6.6270

■ 138.2170, -2.1090,
-0.3250

■ 93.6530, -53.3670,
-7.5030

■ 144.7510, 5.1350,
0.5510

■ 87.7060, -60.8860,
-8.9020

■ 150.6980, 12.6540,
1.9500

■ 81.1720, -68.1300,
-9.7780


■ 157.2320, 19.8980,
2.8260

■ 77.0080, -73.5400,
-10.8520

■ 163.1790, 27.4170,
4.2250

■ 169.7130, 34.6610,

5.1010

 176.2470, 41.9050,
5.9770

Harmonies

Analogous

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



118.0510, -22.3730, -7.5330



119.2020, -24.1160, -3.4760



121.3000, -18.3400, 1.9800

Triad

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



119.2020, -24.1160, -3.4760



125.0390, 13.4320, 9.8800



121.3780, 7.3830, -7.1530

Complementary

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



119.2020, -24.1160, -3.4760



114.7980, 24.1160, 3.4760

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.



123.0910, 15.6810, -3.3510



119.2020, -24.1160, -3.4760



124.6820, 18.7510, 7.0950

Square

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



119.2020, -24.1160, -3.4760



124.4770, 3.3910, 10.1350



123.8190, 19.6230, 2.3030



119.9360, -3.1160, -9.6120

Rectangle

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



119.2020, -24.1160, -3.4760



122.9310, -12.7470, 5.2450



123.8190, 19.6230, 2.3030



121.8730, 10.3630, -6.0930

Sweetspot

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



119.2020, -24.1160, -3.4760



172.6830, -9.3530, -1.2010



122.2560, -16.1810, -20.6370



86.9500, -5.7310, -0.7630



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.



119.2020, -24.1160, -3.4760



149.2050, -37.3660, -5.6380



105.7010, -17.7910, 8.5530



65.7330, -3.6220, -0.4380



72.6880, -69.6430, -9.8910



2.9180, -2.7050, -0.5370

Inverse Universe

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



111.6300, 16.5020, 20.3260



137.2710, 25.3030, 31.5350



127.7120, 18.0660, -8.0300



64.6630, 2.5670, 3.0390



50.9390, 47.8100, 58.6740



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 119.2020, -24.1160, -3.4760 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 119.2020, -24.1160, -3.4760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

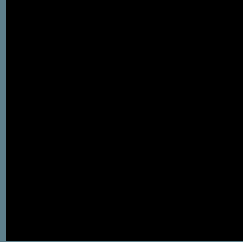
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.2020, -24.1160, -3.4760

Background



This preview shows how black text looks on a background with the YIQ color 119.2020, -24.1160, -3.4760.



This preview shows how white text looks on a background with the YIQ color 119.2020, -24.1160, -3.4760.

-3.4760.

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

119.2020, -24.1160, -3.4760

Protanopia

123.2970, -5.0900, 4.1420

Deuteranopia

123.4160, -3.8070, 8.4250



Tritanopia

119.0880, -23.7950, -3.7870

Trichromacy



Original Color

119.2020, -24.1160, -3.4760

Protanomaly

121.5950, -11.9210, 1.2870

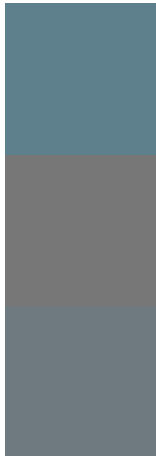
Deuteranomaly

121.7740, -10.8670, 4.2130

Tritanomaly

119.0880, -23.7950, -3.7870

Monochromacy



Original Color

119.2020, -24.1160, -3.4760

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9820, -8.7570, -0.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.2020, -24.1160, -3.4760 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(94, 128, 140)` looks like.

```
.text, #text, p{  
    color:rgb(94, 128, 140)  
}
```

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(94, 128, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 128, 140) }
```

Border

The CSS property to change the border of an element to YIQ 119.2020, -24.1160, -3.4760 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(94, 128, 140) }
```


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

```
.border{ border-color:rgb(94, 128, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 128, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 128, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 128, 140);  
box-shadow:4px 4px 4px 4px rgb(94, 128,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 119.2020, -24.1160, -3.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 128, 140) }
```

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

```
.background{ background-color: rgb(94, 128,  
140) }
```

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