

Converting Colors

YIQ(94.4630, -20.3570, -0.0130)

Have a look what the booklet for
YIQ(94.4630, -20.3570, -0.0130)
contains.

YIQ(94.4630, -20.3570, -0.0130)	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(94.4630, -20.3570,
-0.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6475
RGB	75, 100, 117
RGB Percent	29%, 39%, 46%
CMY	0.7059, 0.6078, 0.5413
CMYK	0.36, 0.15, 0.00, 0.54
HSL	204°, 22%, 38%
HSV	204°, 36%, 46%
XYZ	10.6683, 11.8955, 18.5560
YIQ	94.4630, -20.3570, -0.0130

Conversions

Conversions Part 2

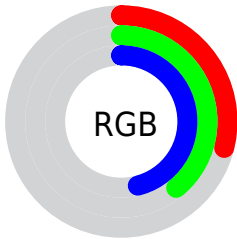
Format	Color
R_{YB}	75, 91, 117
Decimal	4940917
CIE Lab	41.05, -4.72, -12.52
CIE LCh	41, 13.382, 249.368
Yxy	11.8955, 0.2594, 0.2893
Android (android.graphics.Color)	4283130997 (0xFF4B6475)
YUV	94.4630, 11.1107, -17.0691
Hunter-Lab	34.4899, -5.1440, -7.7559

Details

The YIQ color $94.4630, -20.3570, -0.0130$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $97.5370, 20.3570, 0.0130$, and the grayscale version is $94.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $145.2780, -21.2740, 0.0860$, and $47.3490, -20.0360, -0.3240$ is the 20% darker color. If you saturate the color by 10%, you get $87.9400, -26.1340, 0.0580$, and if you desaturate by 10%, it is $100.9860, -14.5800, -0.0840$.

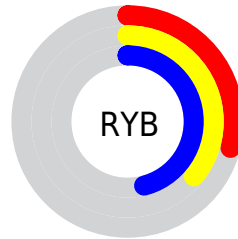
Distribution



Red (29%)

Green (39%)

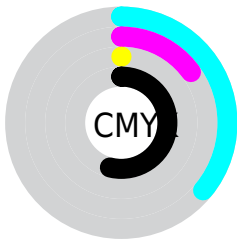
Blue (46%)



Red (29%)

Yellow (36%)

Blue (46%)

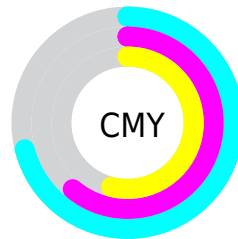


Cyan (36%)

Magenta (15%)

Yellow (0%)

Black (54%)



Cyan (71%)

Magenta (61%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.4630, -20.3570, -0.0130 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 94.4630, -20.3570, -0.0130 by changing the saturation by 10% instead.

■ 94.4630, -20.3570,
-0.0130

■ 94.4630, -20.3570,
-0.0130

■ 255.0000, -0.0000,
-0.0000

■ 70.3490, -20.0360,
-0.3240

■ 145.2780,
-21.2740, 0.0860

■ 47.3490, -20.0360,
-0.3240

■ 171.6910,
-20.9990, 0.6090

■ 24.9250, -21.7780,
-1.7940

■ 199.3920,
-21.5950, 0.3970

■ 8.2470, -10.8210,
3.3790

■ 227.2070,
-22.5120, 0.4960

■ 0.0000, 0.0000,
0.0000

■ 249.0200,
-11.9200, -4.2400

■ 94.4630, -20.3570,
-0.0130

■ 94.4630, -20.3570,
-0.0130

■ 87.9400, -26.1340,
0.0580

■ 100.9860,
-14.5800, -0.0840

■ 82.3030, -31.5900,
-0.1820

■ 106.6230, -9.1240,
0.1560

■ 75.7800, -37.3670,
-0.1110

■ 113.1460, -3.3470,
0.0850

■ 69.2570, -43.1440,
-0.0400

■ 119.6690, 2.4300,
0.0140

■ 63.0330, -48.3250,
0.2430

■ 125.8930, 7.6110,
-0.2690

■ 57.0970, -54.3770,
-0.2090

■ 131.8290, 13.6630,
0.1830

■ 54.4280, -56.8070,
-0.2230

■ 138.3520, 19.4400,
0.1120

■ 144.8750, 25.2170,

0.0410

■ 151.0990, 30.3980,
-0.2420

Harmonies

Analogous

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



92.4470, -23.4280, -4.9320



94.4630, -20.3570, -0.0130



97.0020, -11.5090, 4.8350

Triad

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



94.4630, -20.3570, -0.0130



98.5400, 16.2750, 7.9150



94.4310, -0.1360, -8.5520

Complementary

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



94.4630, -20.3570, -0.0130



97.5370, 20.3570, 0.0130

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.



95.9870, 10.0420, -5.7820



94.4630, -20.3570, -0.0130



97.5740, 18.9350, 3.7590

Square

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



94.4630, -20.3570, -0.0130



98.8860, 9.4890, 9.7530



97.4440, 16.1850, -1.4710



93.0430, -10.7270, -9.3430

Rectangle

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



94.4630, -20.3570, -0.0130



97.7040, -4.6780, 7.6900



97.4440, 16.1850, -1.4710



95.1110, 3.7610, -7.5910

Sweetspot

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



94.4630, -20.3570, -0.0130



143.8080, -8.2070, 0.0570



101.5920, -17.0070, -16.6790



71.0750, -4.5850, 0.4950



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



94.4630, -20.3570, -0.0130



117.4170, -31.9110, 0.1290



82.1360, -14.5820, 10.9700



55.4450, -2.7510, 0.2970



56.7590, -59.2370, -0.2370



115.9630, -121.2250, -0.1770

Inverse Universe

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



90.4080, 17.0070, 16.6790



111.1800, 26.8170, 26.1210



109.8640, 14.5820, -10.9700



55.1360, 2.6130, 2.2050



44.8000, 49.2790, 48.5670



91.7360, 101.1710, 99.3390

Previews

White Background



This preview shows how the YIQ color 94.4630, -20.3570, -0.0130 looks on a white 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

Black Background



This preview shows how the YIQ color 94.4630, -20.3570, -0.0130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

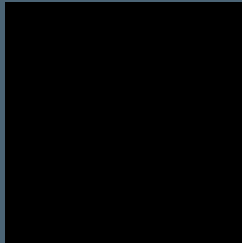
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

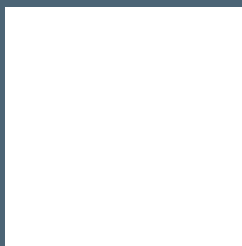
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 94.4630, -20.3570, -0.0130

Background



This preview shows how black text looks on a background with the YIQ color 94.4630, -20.3570, -0.0130.



This preview shows how white text looks on a background with the YIQ color 94.4630, -20.3570,

-0.0130.

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

94.4630, -20.3570, -0.0130

Protanopia

97.1550, -7.5660, 4.9620

Deuteranopia

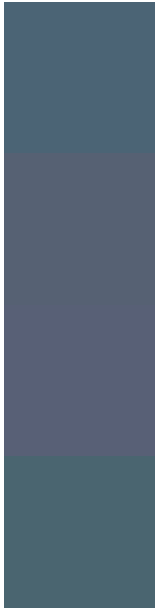
97.0350, -7.1080, 7.6760



Tritanopia

93.5400, -19.2560, -3.4480

Trichromacy



Original Color

94.4630, -20.3570, -0.0130

Protanomaly

95.7630, -12.3340, 3.2660

Deuteranomaly

96.1160, -11.8300, 5.1460

Tritanomaly

94.1810, -19.6230, -2.3030

Monochromacy



Original Color

94.4630, -20.3570, -0.0130

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9930, -7.2900, -0.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.4630, -20.3570, -0.0130 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(75, 100, 117)` looks like.

```
.text, #text, p{  
    color:rgb(75, 100, 117)  
}
```

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(75, 100, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 100, 117) }
```

Border

The CSS property to change the border of an element to YIQ 94.4630, -20.3570, -0.0130 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(75, 100, 117) }
```


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

```
.border{ border-color:rgb(75, 100, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 100, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 100, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 100, 117);  
box-shadow:4px 4px 4px 4px rgb(75, 100,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 94.4630, -20.3570, -0.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 100, 117) }
```

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

```
.background{ background-color: rgb(75, 100,  
117) }
```

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