

Converting Colors

YIQ(93.5820, -11.0470,
-14.5590)

Have a look what the booklet for
YIQ(93.5820, -11.0470, -14.5590)
contains.

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Color

**YIQ(93.5820, -11.0470,
-14.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6A51
RGB	74, 106, 81
RGB Percent	29%, 42%, 32%
CMY	0.7099, 0.5843, 0.6824
CMYK	0.30, 0.00, 0.24, 0.58
HSL	133°, 18%, 35%
HSV	133°, 30%, 42%
XYZ	9.4626, 12.3597, 9.6703
YIQ	93.5820, -11.0470, -14.5590

Conversions

Conversions Part 2

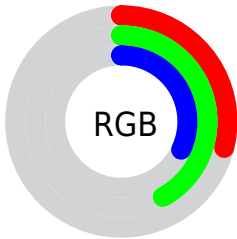
Format	Color
RYB	74, 100, 106
Decimal	4876881
CIELab	41.78, -17.32, 10.39
CIELCh	42, 20.203, 149.043
Yxy	12.3597, 0.3005, 0.3925
Android (android.graphics.Color)	4283066961 (0xFF4A6A51)
YUV	93.5820, -6.2029, -17.1734
Hunter-Lab	35.1564, -13.4791, 8.3009

Details

The YIQ color **93.5820, -11.0470, -14.5590** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.4180, 11.0470, 14.5590**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0550, -11.0010, -15.3930**, and **46.5220, -10.8180, -13.2020** is the 20% darker color. If you saturate the color by 10%, you get **89.3810, -15.0350, -19.3790**, and if you desaturate by 10%, it is **97.7830, -7.0590, -9.7390**.

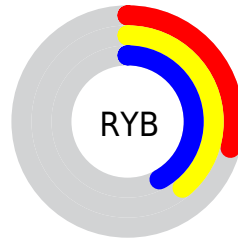
Distribution



Red (29%)

Green (42%)

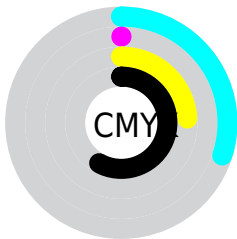
Blue (32%)



Red (29%)

Yellow (39%)

Blue (42%)

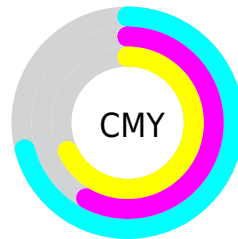


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (58%)



Cyan (71%)

Magenta (58%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.5820, -11.0470, -14.5590 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 93.5820, -11.0470, -14.5590 by changing the saturation by 10% instead.

93.5820, -11.0470,
-14.5590

93.5820, -11.0470,
-14.5590

255.0000, -0.0000,
-0.0000

69.9950, -10.7720,
-14.0360

144.0550,
-11.0010, -15.3930

47.1090, -11.0930,
-13.7250

170.6420,
-11.2760, -15.9160

25.3370, -11.7350,
-13.1030

198.2290,
-11.5510, -16.4390

7.0440, -3.3000,
-6.2760

226.5170,
-12.4220, -17.1740

0.0000, 0.0000,
0.0000

246.2990, -8.5720,
-9.8520

■ 93.5820, -11.0470,
-14.5590

■ 93.5820, -11.0470,
-14.5590

■ 89.3810, -15.0350,
-19.3790

■ 97.7830, -7.0590,
-9.7390

■ 85.3650, -18.1060,
-24.2980

■ 101.7990, -3.9880,
-4.8200

■ 81.1640, -22.0940,
-29.1180

■ 106.0000, -0.0000,
-0.0000

■ 77.2620, -25.4860,
-33.7260

■ 109.9020, 3.3920,
4.6080

■ 73.0610, -29.4740,
-38.5460

■ 114.1030, 7.3800,
9.4280

■ 68.7460, -33.1410,
-43.6770

■ 118.4180, 11.0470,
14.5590

■ 64.8440, -36.5330,
-48.2850

■ 122.3200, 14.4390,
19.1670

■ 126.5210, 18.4270,

23.9870

■ 130.5370, 21.4980,
28.9060

Harmonies

Analogous

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



95.5470, 5.2290, -12.1710



93.5820, -11.0470, -14.5590



91.1980, -27.4610, -14.4450

Triad

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



93.5820, -11.0470, -14.5590



96.3580, -24.2550, 4.5530



99.7000, 27.5080, 8.0840

Complementary

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



93.5820, -11.0470, -14.5590



86.4180, 11.0470, 14.5590

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.



100.7520, 21.7300, 13.6820



93.5820, -11.0470, -14.5590



99.6700, -7.3380, 11.8460

Square

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



93.5820, -11.0470, -14.5590



92.2590, -37.4580, -3.9700



101.0480, 9.2130, 14.7570



99.1740, 25.8130, 0.2530

Rectangle

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



93.5820, -11.0470, -14.5590



89.8750, -36.6770, -12.6210



101.0480, 9.2130, 14.7570



100.6830, 26.1780, 10.1620

Sweetspot

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



93.5820, -11.0470, -14.5590



132.9730, -4.5380, -5.8660



100.2590, 6.1000, -11.4360



65.9240, -2.8420, -3.5620



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



93.5820, -11.0470, -14.5590



118.6040, -17.2810, -22.7290



95.4060, -16.1830, -9.5830



51.6360, -1.9710, -2.8270



71.6430, -40.5210, -53.1050



149.9710, -84.7090, -111.3410

Inverse Universe

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



86.4180, 11.0470, 14.5590



107.3960, 17.2810, 22.7290



84.5940, 16.1830, 9.5830



50.2500, 2.2920, 2.5160



45.4710, 40.2000, 53.4160



95.0290, 84.7090, 111.3410

Previews

White Background



This preview shows how the YIQ color 93.5820, -11.0470, -14.5590 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 93.5820, -11.0470, -14.5590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

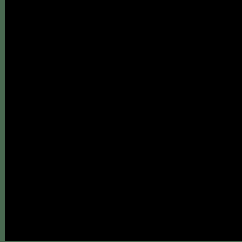
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.5820, -11.0470, -14.5590

Background



This preview shows how black text looks on a background with the YIQ color 93.5820, -11.0470, -14.5590.

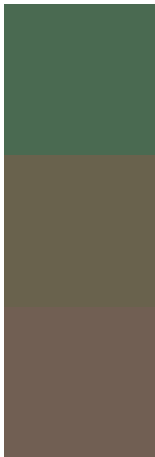


This preview shows how white text looks on a background with the YIQ color 93.5820, -11.0470,

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

93.5820, -11.0470, -14.5590

Protanopia

97.6990, 10.9130, -5.0470

Deuteranopia

99.0140, 14.5800, 0.0840



Tritanopia

96.3340, -15.6800, -2.1760

Trichromacy



Original Color

93.5820, -11.0470, -14.5590

Protanomaly

96.2850, 3.2110, -8.6370

Deuteranomaly

97.0620, 5.4570, -5.2870

Tritanomaly

95.0690, -13.6160, -6.5440

Monochromacy



Original Color

93.5820, -11.0470, -14.5590

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.6850, -3.6670, -5.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.5820, -11.0470, -14.5590 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(74, 106, 81)` looks like.

```
.text, #text, p{  
    color:rgb(74, 106, 81)  
}
```

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(74, 106, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 106, 81) }
```

Border

The CSS property to change the border of an element to YIQ 93.5820, -11.0470, -14.5590 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(74, 106, 81) }
```


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

```
.border{ border-color:rgb(74, 106, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 106, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 106, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 106, 81);  
box-shadow:4px 4px 4px 4px rgb(74, 106,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 93.5820, -11.0470, -14.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 106, 81) }
```

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

```
.background{ background-color: rgb(74, 106,  
81) }
```

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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