

Converting Colors

YIQ(115.4640, -4.9030,
-15.7750)

Have a look what the booklet for
YIQ(115.4640, -4.9030, -15.7750)
contains.

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Color

**YIQ(115.4640, -4.9030,
-15.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	657F5E
RGB	101, 127, 94
RGB Percent	40%, 50%, 37%
CMY	0.6040, 0.5019, 0.6314
CMYK	0.20, 0.00, 0.26, 0.50
HSL	107°, 15%, 43%
HSV	107°, 26%, 50%
XYZ	14.9757, 18.7552, 13.4209
YIQ	115.4640, -4.9030, -15.7750

Conversions

Conversions Part 2

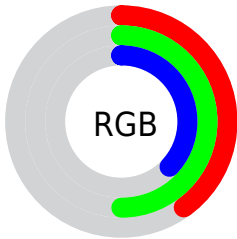
Format	Color
R_{YB}	94, 127, 120
Decimal	6651742
CIE _{Lab}	50.40, -16.15, 14.95
CIE _{LCh}	50, 22.006, 137.212
Yxy	18.7552, 0.3176, 0.3978
Android (android.graphics.Color)	4284841822 (0xFF657F5E)
YUV	115.4640, -10.5818, -12.6849
Hunter-Lab	43.3073, -14.0623, 11.9412

Details

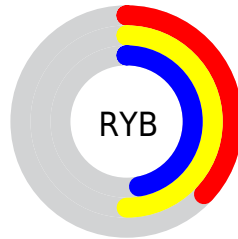
The YIQ color **115.4640, -4.9030, -15.7750** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **105.5360, 4.9030, 15.7750**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6380, -5.4530, -16.8210**, and **67.1050, -5.2700, -14.6300** is the 20% darker color. If you saturate the color by 10%, you get **110.9920, -6.6900, -21.9380**, and if you desaturate by 10%, it is **119.9360, -3.1160, -9.6120**.

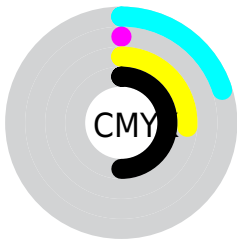
Distribution



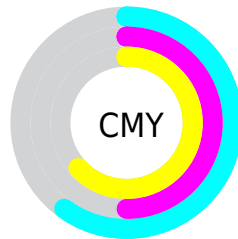
- Red (40%)
- Green (50%)
- Blue (37%)



- Red (37%)
- Yellow (50%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (26%)
- Black (50%)



- Cyan (60%)
- Magenta (50%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.4640, -4.9030, -15.7750 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 115.4640, -4.9030, -15.7750 by changing the saturation by 10% instead.

■ 115.4640, -4.9030,
-15.7750

■ 115.4640, -4.9030,
-15.7750

■ 255.0000, -0.0000,
-0.0000

■ 90.8770, -4.6280,
-15.2520

■ 167.6380, -5.4530,
-16.8210

■ 67.1050, -5.2700,
-14.6300

■ 194.5240, -5.1320,
-17.1320

■ 44.5180, -4.9950,
-14.1070

■ 222.9970, -5.0860,
-17.9660

■ 23.0730, -2.2440,
-14.4040

■ 245.7140, -2.6110,
-13.2590

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,
0.0000

■ 115.4640, -4.9030,
-15.7750

■ 115.4640, -4.9030,
-15.7750

■ 110.9920, -6.6900,
-21.9380

■ 119.9360, -3.1160,
-9.6120

■ 106.6340, -8.7980,
-27.7900

■ 124.2940, -1.0080,
-3.7600

■ 102.1620,
-10.5850, -33.9530

■ 128.7660, 0.7790,
2.4030

■ 97.6900, -12.3720,
-40.1160

■ 133.2380, 2.5660,
8.5660

■ 93.2180, -14.1590,
-46.2790

■ 137.7100, 4.3530,
14.7290

■ 88.8600, -16.2670,
-52.1310

■ 142.0680, 6.4610,
20.5810

■ 84.3880, -18.0540,
-58.2940

■ 146.5400, 8.2480,
26.7440

■ 82.6220, -18.8330,

■ 151.0120, 10.0350,

-60.6970

32.9070

■ 155.3700, 12.1430,
38.7590

Harmonies

Analogous

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



117.6680, 12.1980, -11.8180



115.4640, -4.9030, -15.7750



112.8840, -23.7010, -16.5090

Triad

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



115.4640, -4.9030, -15.7750



115.9870, -33.5160, 1.6840



122.0040, 29.7080, 12.2680

Complementary

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



115.4640, -4.9030, -15.7750



105.5360, 4.9030, 15.7750

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.



122.9630, 19.7580, 16.3820



115.4640, -4.9030, -15.7750



120.5380, -15.7740, 10.5460

Square

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



115.4640, -4.9030, -15.7750



111.3290, -43.6470, -7.4470



122.4650, 3.6650, 16.1850



120.9190, 31.0850, 3.8290

Rectangle

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



115.4640, -4.9030, -15.7750



110.7780, -35.0260, -15.0100



122.4650, 3.6650, 16.1850



122.3890, 27.1860, 13.9220

Sweetspot

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



115.4640, -4.9030, -15.7750



161.1150, -2.0620, -6.6860



119.1290, 12.5180, -6.6020



81.2940, -1.0080, -3.7600



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



115.4640, -4.9030, -15.7750



147.8130, -7.7440, -24.8640



114.3970, -11.9640, -14.4600



61.7070, -0.7330, -3.2370



83.2090, -19.1080, -61.2200



0.0000, 0.0000, 0.0000

Inverse Universe

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



105.5360, 4.9030, 15.7750



132.1870, 7.7440, 24.8640



106.6030, 11.9640, 14.4600



59.2930, 0.7330, 3.2370



44.7910, 19.1080, 61.2200



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 115.4640, -4.9030, -15.7750 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 115.4640, -4.9030, -15.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

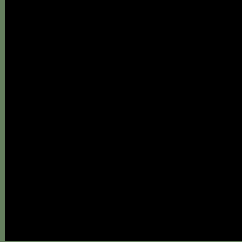
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.4640, -4.9030, -15.7750

Background



This preview shows how black text looks on a background with the YIQ color 115.4640, -4.9030, -15.7750.



This preview shows how white text looks on a background with the YIQ color 115.4640, -4.9030,

-15.7750.

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

115.4640, -4.9030, -15.7750

Protanopia

118.4990, 14.3520, -6.8000

Deuteranopia

120.1240, 20.0820, -0.5100



Tritanopia

118.6550, -12.1500, -0.0700

Trichromacy



Original Color

115.4640, -4.9030, -15.7750

Protanomaly

117.3840, 7.2460, -10.1780

Deuteranomaly

118.1720, 10.9590, -5.8810

Tritanomaly

117.6350, -9.3980, -5.8940

Monochromacy



Original Color

115.4640, -4.9030, -15.7750

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9410, -1.5120, -5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.4640, -4.9030, -15.7750 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(101, 127, 94)` looks like.

```
.text, #text, p{  
    color:rgb(101, 127, 94)  
}
```

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(101, 127, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 127, 94) }
```

Border

The CSS property to change the border of an element to YIQ 115.4640, -4.9030, -15.7750 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(101, 127, 94) }
```


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

```
.border{ border-color:rgb(101, 127, 94) }
```

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

Here you see how a box with a 4 pixel rgb(101, 127, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 127, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 127, 94);  
box-shadow:4px 4px 4px 4px rgb(101, 127,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 115.4640, -4.9030, -15.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 127, 94) }
```

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

```
.background{ background-color: rgb(101,  
127, 94) }
```

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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