

Converting Colors

YIQ(94.6040, 18.2500, -11.3660)

Have a look what the booklet for
YIQ(94.6040, 18.2500, -11.3660)
contains.

YIQ(94.6040, 18.2500, -11.3660)	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(94.6040, 18.2500,
-11.3660)**

Conversions

Conversions Part 1

Format	Color
Hex	696137
RGB	105, 97, 55
RGB Percent	41%, 38%, 22%
CMY	0.5882, 0.6196, 0.7842
CMYK	0.00, 0.08, 0.48, 0.59
HSL	50°, 31%, 31%
HSV	50°, 48%, 41%
XYZ	10.7901, 11.8280, 5.3321
YIQ	94.6040, 18.2500, -11.3660

Conversions

Conversions Part 2

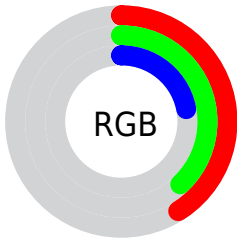
Format	Color
R_{YB}	65, 105, 55
Decimal	6906167
CIE _{Lab}	40.94, -3.33, 25.00
CIE _{LCh}	41, 25.225, 97.597
Yxy	11.8280, 0.3860, 0.4232
Android (android.graphics.Color)	4285096247 (0xFF696137)
YUV	94.6040, -19.5248, 9.1173
Hunter-Lab	34.3918, -4.1832, 14.8819

Details

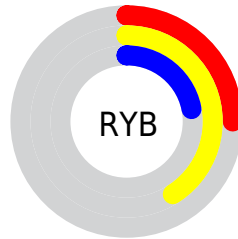
The YIQ color **94.6040, 18.2500, -11.3660** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **65.3960, -18.2500, 11.3660**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.9740, 20.0840, -11.5640**, and **47.9350, 15.8200, -11.3800** is the 20% darker color. If you saturate the color by 10%, you get **92.2900, 22.0100, -13.4300**, and if you desaturate by 10%, it is **97.0320, 14.1690, -8.9910**.

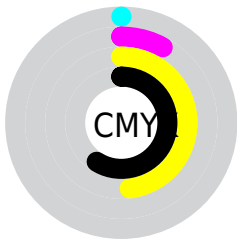
Distribution



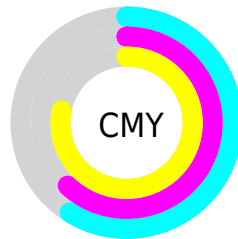
- Red (41%)
- Green (38%)
- Blue (22%)



- Red (25%)
- Yellow (41%)
- Blue (22%)



- Cyan (0%)
- Magenta (8%)
- Yellow (48%)
- Black (59%)



- Cyan (59%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.6040, 18.2500, -11.3660 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 94.6040, 18.2500, -11.3660 by changing the saturation by 10% instead.

■ 94.6040, 18.2500,
-11.3660

■ 94.6040, 18.2500,
-11.3660

■ 255.0000, -0.0000,
-0.0000

■ 70.5330, 17.0120,
-10.9560

■ 144.9740, 20.0840,
-11.5640

■ 47.9350, 15.8200,
-11.3800

■ 172.0450, 21.3220,
-11.9740

■ 27.7760, 12.0140,
-8.4820

■ 199.2300, 22.2390,
-12.0730

■ 3.5220, -1.6500,
-3.1380

■ 227.1160, 22.5600,
-12.3840

■ 0.0000, 0.0000,
0.0000

■ 249.7560, 14.7660,
-14.3060

■ 252.9480, 5.7780,

-5.5980

■ 94.6040, 18.2500,
-11.3660

■ 94.6040, 18.2500,
-11.3660

■ 92.2900, 22.0100,
-13.4300

■ 97.0320, 14.1690,
-8.9910

■ 90.4490, 25.8160,
-16.3280

■ 98.7590, 10.6840,
-6.4040

■ 88.1350, 29.5760,
-18.3920

■ 101.1870, 6.6030,
-4.0290

■ 85.7070, 33.6570,
-20.7670

■ 103.5010, 2.8430,
-1.9650

■ 83.9800, 37.1420,
-23.3540

■ 105.3420, -0.9630,
0.9330

■ 83.0510, 38.3800,
-23.7640

■ 107.6560, -4.7230,
2.9970

■ 110.0840, -8.8040,
5.3720

■ 111.8110,
-12.2890, 7.9590

■ 114.2390,
-16.3700, 10.3340

Harmonies

Analogous

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



96.3330, 29.6190, -2.6450



94.6040, 18.2500, -11.3660



92.4600, 0.9200, -16.6800

Triad

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



94.6040, 18.2500, -11.3660



77.7990, -65.8820, -17.4820



99.5760, 16.5940, 18.6580

Complementary

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



94.6040, 18.2500, -11.3660



65.3960, -18.2500, 11.3660

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.



98.6430, -2.7080, 16.0440



94.6040, 18.2500, -11.3660



87.0990, -48.6910, -4.1390

Square

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



94.6040, 18.2500, -11.3660



82.9830, -46.0290, -19.3490



94.9820, -25.9520, 7.7760



98.1120, 29.5240, 15.6040

Rectangle

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



94.6040, 18.2500, -11.3660



89.8050, -13.2930, -17.9090



94.9820, -25.9520, 7.7760



99.6400, 10.5420, 18.2060

Sweetspot

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



94.6040, 18.2500, -11.3660



133.9590, 7.2450, -4.6510



70.8620, 27.2320, 13.0880



66.4580, 4.4020, -2.6860



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.



94.6040, 18.2500, -11.3660



121.3630, 28.9340, -17.7700



94.2170, 5.9180, -19.1540



52.7290, 2.2010, -1.3430



93.0960, 42.5070, -26.9730



194.1770, 89.3700, -55.7980

Inverse Universe

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



65.3960, -18.2500, 11.3660



75.6370, -28.9340, 17.7700



65.7830, -5.9180, 19.1540



49.2710, -2.2010, 1.3430



24.4910, -42.7820, 26.4500



50.8230, -89.3700, 55.7980

Previews

White Background



This preview shows how the YIQ color 94.6040, 18.2500, -11.3660 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 94.6040, 18.2500, -11.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

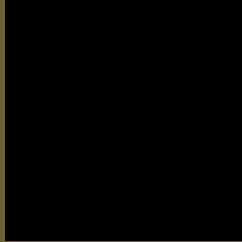
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.6040, 18.2500, -11.3660

Background



This preview shows how black text looks on a background with the YIQ color 94.6040, 18.2500, -11.3660.



This preview shows how white text looks on a background with the YIQ color 94.6040, 18.2500,

-11.3660.

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

94.6040, 18.2500, -11.3660

Protanopia

94.9030, 18.8460, -11.1540

Deuteranopia

95.6700, 27.0520, -5.6840



Tritanopia

97.8810, 7.8850, 5.7810

Trichromacy



Original Color

94.6040, 18.2500, -11.3660

Protanomaly

94.9030, 18.8460, -11.1540

Deuteranomaly

95.3490, 23.5220, -7.7900

Tritanomaly

96.9320, 11.8750, -0.4530

Monochromacy



Original Color

94.6040, 18.2500, -11.3660

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.6040, 18.2500, -11.3660 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(105, 97, 55)` looks like.

```
.text, #text, p{  
    color:rgb(105, 97, 55)  
}
```

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(105, 97, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 97, 55) }
```

Border

The CSS property to change the border of an element to YIQ 94.6040, 18.2500, -11.3660 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(105, 97, 55) }
```


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

```
.border{ border-color:rgb(105, 97, 55) }
```

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

Here you see how a box with a 4 pixel rgb(105, 97, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 97, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 97, 55);  
box-shadow:4px 4px 4px 4px rgb(105, 97,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 94.6040, 18.2500, -11.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 97, 55) }
```

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

```
.background{ background-color: rgb(105, 97,  
55) }
```

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