

Converting Colors

YIQ(94.7460, -5.6370, -13.4850)

Have a look what the booklet for
YIQ(94.7460, -5.6370, -13.4850)
contains.

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Color

**YIQ(94.7460, -5.6370,
-13.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	51694E
RGB	81, 105, 78
RGB Percent	32%, 41%, 31%
CMY	0.6824, 0.5882, 0.6941
CMYK	0.23, 0.00, 0.26, 0.59
HSL	113°, 15%, 36%
HSV	113°, 26%, 41%
XYZ	9.8195, 12.4037, 9.0843
YIQ	94.7460, -5.6370, -13.4850

Conversions

Conversions Part 2

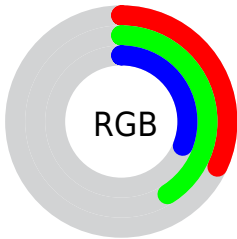
Format	Color
R_{YB}	78, 105, 102
Decimal	5335374
CIE _{Lab}	41.85, -14.74, 12.35
CIE _{LCh}	42, 19.233, 140.047
Yxy	12.4037, 0.3136, 0.3962
Android (android.graphics.Color)	4283525454 (0xFF51694E)
YUV	94.7460, -8.2558, -12.0552
Hunter-Lab	35.2189, -11.8653, 9.3602

Details

The YIQ color **94.7460, -5.6370, -13.4850** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **88.2540, 5.6370, 13.4850**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.2190, -5.5910, -14.3190**, and **48.3870, -6.0040, -12.3400** is the 20% darker color. If you saturate the color by 10%, you get **90.8010, -7.4700, -18.8140**, and if you desaturate by 10%, it is **98.6910, -3.8040, -8.1560**.

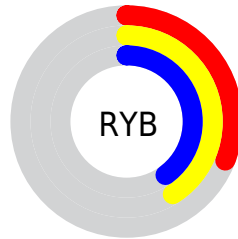
Distribution



Red (32%)

Green (41%)

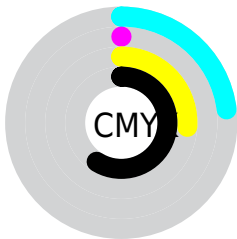
Blue (31%)



Red (31%)

Yellow (41%)

Blue (40%)

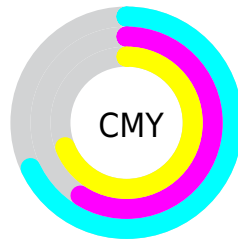


Cyan (23%)

Magenta (0%)

Yellow (26%)

Black (59%)



Cyan (68%)

Magenta (59%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.7460, -5.6370, -13.4850 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 94.7460, -5.6370, -13.4850 by changing the saturation by 10% instead.

■ 94.7460, -5.6370,
-13.4850

■ 94.7460, -5.6370,
-13.4850

■ 255.0000, -0.0000,
-0.0000

■ 71.1590, -5.3620,
-12.9620

■ 145.2190, -5.5910,
-14.3190

■ 48.3870, -6.0040,
-12.3400

■ 171.8060, -5.8660,
-14.8420

■ 26.9850, -4.8120,
-11.9160

■ 199.3930, -6.1410,
-15.3650

■ 7.0440, -3.3000,
-6.2760

■ 227.2790, -5.8200,
-15.6760

■ 0.0000, 0.0000,
0.0000

■ 248.3490, -2.8410,
-9.0890

■ 94.7460, -5.6370,
-13.4850

■ 94.7460, -5.6370,
-13.4850

■ 90.8010, -7.4700,
-18.8140

■ 98.6910, -3.8040,
-8.1560

■ 86.6710, -10.2200,
-24.0440

■ 102.8210, -1.0540,
-2.9260

■ 82.7260, -12.0530,
-29.3730

■ 106.7660, 0.7790,
2.4030

■ 78.8950, -14.2070,
-34.3910

■ 110.5970, 2.9330,
7.4210

■ 74.6510, -16.6360,
-39.9320

■ 114.8410, 5.3620,
12.9620

■ 70.8200, -18.7900,
-44.9500

■ 118.6720, 7.5160,
17.9800

■ 66.8750, -20.6230,
-50.2790

■ 122.6170, 9.3490,
23.3090

■ 65.2230, -21.7230,

■ 126.7470, 12.0990,

-52.3710

28.5390

■ 130.6920, 13.9320,
33.8680

Harmonies

Analogous

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



96.7540, 9.0800, -10.3760



94.7460, -5.6370, -13.4850



92.2480, -21.7300, -13.6820

Triad

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



94.7460, -5.6370, -13.4850



95.9230, -27.4640, 2.1360



100.3840, 25.5820, 9.9500

Complementary

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



94.7460, -5.6370, -13.4850



88.2540, 5.6370, 13.4850

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.



101.5990, 17.7870, 13.5550



94.7460, -5.6370, -13.4850



99.6370, -11.7390, 9.0050

Square

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



94.7460, -5.6370, -13.4850



91.9770, -36.7240, -6.2600



101.0690, 4.7200, 13.5840



99.6410, 25.9960, 2.4440

Rectangle

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



94.7460, -5.6370, -13.4850



91.3980, -30.9000, -12.6920



101.0690, 4.7200, 13.5840



100.6550, 23.3810, 11.2930

Sweetspot

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



94.7460, -5.6370, -13.4850



133.7560, -2.4290, -5.5410



100.1610, 9.4920, -6.8280



66.4080, -1.3290, -3.4490



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.



94.7460, -5.6370, -13.4850



121.7360, -8.8450, -21.4290



94.9890, -10.6350, -11.0110



51.8210, -1.0540, -2.9260



72.5660, -24.4270, -58.4350



151.8880, -51.2830, -122.4110

Inverse Universe

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



88.2540, 5.6370, 13.4850



111.2640, 8.8450, 21.4290



88.0110, 10.6350, 11.0110



50.1790, 1.0540, 2.9260



44.4340, 24.4270, 58.4350



93.1120, 51.2830, 122.4110

Previews

White Background



This preview shows how the YIQ color 94.7460, -5.6370, -13.4850 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 94.7460, -5.6370, -13.4850 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 94.7460, -5.6370, -13.4850

Background



This preview shows how black text looks on a background with the YIQ color 94.7460, -5.6370, -13.4850.



This preview shows how white text looks on a background with the YIQ color 94.7460, -5.6370, -13.4850.

-13.4850.

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

94.7460, -5.6370, -13.4850

Protanopia

97.4710, 11.5550, -5.6690

Deuteranopia

98.9710, 16.1390, -0.6370



Tritanopia

97.4270, -11.5080, -0.6920

Trichromacy



Original Color

94.7460, -5.6370, -13.4850

Protanomaly

96.6550, 5.0450, -8.8350

Deuteranomaly

97.6170, 8.2080, -5.5840

Tritanomaly

96.1620, -9.4440, -5.0600

Monochromacy



Original Color

94.7460, -5.6370, -13.4850

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.1690, -2.1540, -5.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.7460, -5.6370, -13.4850 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(81, 105, 78)` looks like.

```
.text, #text, p{  
    color:rgb(81, 105, 78)  
}
```

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(81, 105, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 105, 78) }
```

Border

The CSS property to change the border of an element to YIQ 94.7460, -5.6370, -13.4850 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(81, 105, 78) }
```


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

```
.border{ border-color:rgb(81, 105, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 105, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 105, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 105, 78);  
box-shadow:4px 4px 4px 4px rgb(81, 105,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 94.7460, -5.6370, -13.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 105, 78) }
```

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

```
.background{ background-color: rgb(81, 105,  
78) }
```

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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