

# Converting Colors

YIQ(94.6310, 4.4520, -25.6280)

Have a look what the booklet for  
YIQ(94.6310, 4.4520, -25.6280)  
contains.

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# Color

**YIQ(94.6310, 4.4520,  
-25.6280)**

# Conversions

## Conversions Part 1

Format	Color
Hex	536E2E
RGB	83, 110, 46
RGB Percent	33%, 43%, 18%
CMY	0.6746, 0.5686, 0.8195
CMYK	0.25, 0.00, 0.58, 0.57
HSL	85°, 41%, 31%
HSV	85°, 58%, 43%
XYZ	9.6356, 13.1895, 4.6245
YIQ	94.6310, 4.4520, -25.6280

# Conversions

## Conversions Part 2

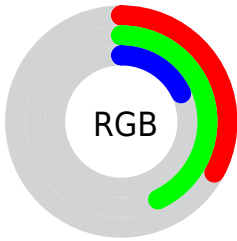
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 110, 73
Decimal	5467694
CIE Lab	43.05, -21.37, 32.03
CIE LCh	43, 38.503, 123.720
Yxy	13.1895, 0.3510, 0.4805
Android (android.graphics.Color)	4283657774 (0xFF536E2E)
YUV	94.6310, -23.9751, -10.2004
Hunter-Lab	36.3173, -16.1964, 17.8723

# Details

The YIQ color **94.6310, 4.4520, -25.6280** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61.3690, -4.4520, 25.6280**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.8760, 5.1400, -27.0840**, and **46.8590, 3.8100, -25.0060** is the 20% darker color. If you saturate the color by 10%, you get **91.8820, 5.0030, -30.1090**, and if you desaturate by 10%, it is **97.3800, 3.9010, -21.1470**.

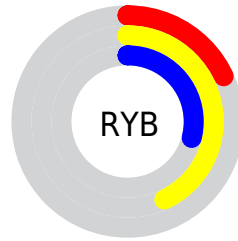
# Distribution



Red (33%)

Green (43%)

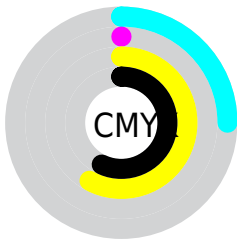
Blue (18%)



Red (18%)

Yellow (43%)

Blue (29%)

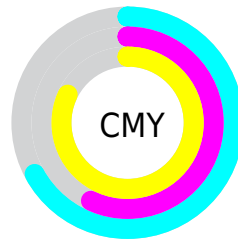


Cyan (25%)

Magenta (0%)

Yellow (58%)

Black (57%)



Cyan (67%)

Magenta (57%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 94.6310, 4.4520, -25.6280 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 94.6310, 4.4520, -25.6280 by changing the saturation by 10% instead.



■ 94.6310, 4.4520,  
-25.6280

■ 94.6310, 4.4520,  
-25.6280

■ 255.0000, -0.0000,  
-0.0000

■ 70.7450, 4.1310,  
-25.3170

■ 145.8760, 5.1400,  
-27.0840

■ 46.8590, 3.8100,  
-25.0060

■ 172.6480, 5.7820,  
-27.7060

■ 26.7690, -4.4440,  
-18.5880

■ 200.2350, 5.5070,  
-28.2290

■ 11.1530, -5.2250,  
-9.9370

■ 228.3060, 6.7450,  
-28.6390

■ 0.0000, 0.0000,  
0.0000

■ 245.7400, 11.6950,  
-19.2250

■ 251.9220, 8.6670,

-8.3970

■ 94.6310, 4.4520,  
-25.6280

■ 94.6310, 4.4520,  
-25.6280

■ 91.8820, 5.0030,  
-30.1090

■ 97.3800, 3.9010,  
-21.1470

■ 89.4320, 6.1500,  
-34.3780

■ 99.8300, 2.7540,  
-16.8780

■ 86.6830, 6.7010,  
-38.8590

■ 102.5790, 2.2030,  
-12.3970

■ 83.9340, 7.2520,  
-43.3400

■ 105.3280, 1.6520,  
-7.9160

■ 83.7060, 7.8940,  
-43.9620

■ 107.7780, 0.5050,  
-3.6470

■ 110.5270, -0.0460,  
0.8340

■ 113.2760, -0.5970,  
5.3150

■ 115.7260, -1.7440,  
9.5840

■ 118.4750, -2.2950,  
14.0650

# Harmonies

## Analogous

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



97.9610, 30.1260, -17.3460



94.6310, 4.4520, -25.6280



86.7760, -32.6850, -29.9090

# Triad

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



94.6310, 4.4520, -25.6280



83.7560, -81.5180, -9.4380



102.5640, 43.2310, 26.0070

# Complementary

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



94.6310, 4.4520, -25.6280



61.3690, -4.4520, 25.6280

# 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.



104.2490, 22.3690, 29.6410



94.6310, 4.4520, -25.6280



93.9110, -53.5530, 6.8870

# Square

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



94.6310, 4.4520, -25.6280



84.1830, -75.8310, -18.8950



104.2650, -10.0910, 23.1970



100.7800, 50.8900, 13.8500



# Rectangle

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



94.6310, 4.4520, -25.6280



79.3950, -62.3490, -31.9570



104.2650, -10.0910, 23.1970



102.9210, 37.9120, 28.7920

# Sweetspot

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



94.6310, 4.4520, -25.6280



137.2740, 1.7440, -9.5840



80.9850, 30.7190, -0.5530



67.6100, 0.9180, -5.6260



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000



# Same Dimension

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



94.6310, 4.4520, -25.6280



119.0420, 7.0680, -40.0040



85.0630, -14.6200, -32.4120



54.7180, 0.7340, -2.2900



91.0710, 8.1240, -48.1320



187.7460, 17.3030, -98.8650



# Inverse Universe

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



61.3690, -4.4520, 25.6280



66.9580, -7.0680, 40.0040



70.9370, 14.6200, 32.4120



51.5810, -0.1380, 2.5020



28.9290, -8.1240, 48.1320



59.5530, -16.7070, 99.0770



# Previews

## White Background



This preview shows how the YIQ color 94.6310, 4.4520, -25.6280 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 94.6310, 4.4520, -25.6280 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 94.6310, 4.4520, -25.6280**

## **Background**



This preview shows how black text looks on a background with the YIQ color 94.6310, 4.4520, -25.6280.



This preview shows how white text looks on a background with the YIQ color 94.6310, 4.4520, -25.6280.

-25.6280.

# 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

94.6310, 4.4520, -25.6280

### Protanopia

98.5630, 25.4950, -16.0170

### Deuteranopia

100.0140, 31.7750, -8.6810



## Tritanopia

100.6230, -9.1240, 0.1560

# Trichromacy



## Original Color

94.6310, 4.4520, -25.6280

## Protanomaly

97.1490, 17.7930, -19.6070

## Deuteranomaly

98.3500, 21.7810, -14.7870

## Tritanomaly

98.7510, -4.0330, -9.5130

# Monochromacy



## Original Color

94.6310, 4.4520, -25.6280

## Achromatopsia

95.0000, -0.0000, -0.0000

## Achromatomaly

94.6870, 2.0190, -9.0610

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 94.6310, 4.4520, -25.6280 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(83, 110, 46)` looks like.

```
.text, #text, p{  
    color:rgb(83, 110, 46)  
}
```

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(83, 110, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 110, 46) }
```

## Border

The CSS property to change the border of an element to YIQ 94.6310, 4.4520, -25.6280 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(83, 110, 46) }
```



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

```
.border{ border-color:rgb(83, 110, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 110, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 110, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 110, 46);  
box-shadow:4px 4px 4px 4px rgb(83, 110,  
46) }
```

# Background

The CSS property to change the background color of an element to YIQ 94.6310, 4.4520, -25.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 110, 46) }
```

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

```
.background{ background-color: rgb(83, 110,  
46) }
```

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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