

# Converting Colors

YIQ(134.5580, 51.3950, 10.2030)

Have a look what the booklet for  
YIQ(134.5580, 51.3950, 10.2030)  
contains.

<b>YIQ(134.5580, 51.3950, 10.2030)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(134.5580, 51.3950,  
10.2030)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE725F
RGB	190, 114, 95
RGB Percent	75%, 45%, 37%
CMY	0.2547, 0.5530, 0.6272
CMYK	0.00, 0.40, 0.50, 0.25
HSL	12°, 42%, 56%
HSV	12°, 50%, 75%
XYZ	29.3278, 23.8073, 13.8893
YIQ	134.5580, 51.3950, 10.2030

# Conversions

## Conversions Part 2

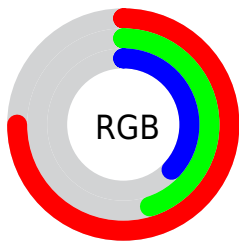
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	190, 119, 95
Decimal	12481119
CIE Lab	55.89, 27.98, 23.28
CIE LCh	56, 36.397, 39.757
Yxy	23.8073, 0.4376, 0.3552
Android (android.graphics.Color)	4290671199 (0xFFBE725F)
YUV	134.5580, -19.5021, 48.6226
Hunter-Lab	48.7928, 21.9033, 17.2775

# Details

The YIQ color **134.5580, 51.3950, 10.2030** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **150.4420, -51.3950, -10.2030**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.1240, 55.6130, 10.8530**, and **83.5080, 45.6640, 9.4400** is the 20% darker color. If you saturate the color by 10%, you get **123.5870, 61.6190, 12.1390**, and if you desaturate by 10%, it is **145.5290, 41.1710, 8.2670**.

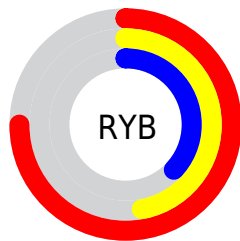
# Distribution



Red (75%)

Green (45%)

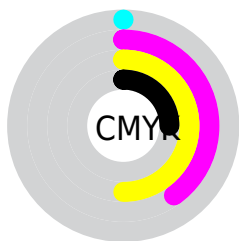
Blue (37%)



Red (75%)

Yellow (47%)

Blue (37%)

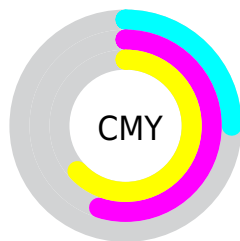


Cyan (0%)

Magenta (40%)

Yellow (50%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 134.5580, 51.3950, 10.2030 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 134.5580, 51.3950, 10.2030 by changing the saturation by 10% instead.



134.5580, 51.3950,  
10.2030

134.5580, 51.3950,  
10.2030

255.0000, -0.0000,  
-0.0000

108.4760, 48.6900,  
9.6660

189.1240, 55.6130,  
10.8530

83.5080, 45.6640,  
9.4400

209.7310, 43.4180,  
6.0900

58.8390, 43.2340,  
9.4260

229.3590, 26.7300,  
0.1540

33.8280, 41.7670,  
8.4790

249.5740, 9.7670,  
-6.3050

15.8470, 31.5880,  
11.2360

6.5780, 13.1120,  
4.6640

0.0000, 0.0000,

0.0000

■ 134.5580, 51.3950,  
10.2030

■ 134.5580, 51.3950,  
10.2030

■ 123.5870, 61.6190,  
12.1390

■ 145.5290, 41.1710,  
8.2670

■ 112.6160, 71.8430,  
14.0750

■ 156.5000, 30.9470,  
6.3310

■ 101.0580, 82.3420,  
16.5340

■ 168.0580, 20.4480,  
3.8720

■ 90.0870, 92.5660,  
18.4700

■ 179.0290, 10.2240,  
1.9360

■ 79.1160, 102.7900,  
20.4060

■ 190.0000, -0.0000,  
-0.0000

■ 200.9710,  
-10.2240, -1.9360

■ 212.5290,  
-20.7230, -4.3950

■ 223.5000,  
-30.9470, -6.3310

■ 233.2170,  
-37.6400, -11.6880

# Harmonies

## Analogous

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



135.6520, 45.7990, 23.5190



134.5580, 51.3950, 10.2030



133.3530, 44.0620, -5.5860

# Triad

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



134.5580, 51.3950, 10.2030



120.1500, -36.6740, -29.2020



131.7990, -38.3780, 12.7100

# Complementary

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



134.5580, 51.3950, 10.2030



150.4420, -51.3950, -10.2030

# 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.



114.9130, -83.3980, -8.4060



134.5580, 51.3950, 10.2030



105.0530, -87.7490, -34.1890

# Square

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



134.5580, 51.3950, 10.2030



126.6950, -1.6000, -26.0800



107.1850, -96.5080, -24.1240



137.6250, -2.2970, 25.1190



# Rectangle

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



134.5580, 51.3950, 10.2030



131.5100, 33.0140, -14.6180



107.1850, -96.5080, -24.1240



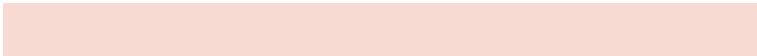
127.6940, -51.4440, 7.2120

# Sweetspot

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



134.5580, 51.3950, 10.2030



225.7590, 19.8520, 3.6600



132.2970, 31.5820, 44.3980



111.8120, 12.3330, 2.2610



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



134.5580, 51.3950, 10.2030



160.2750, 80.2330, 16.2090



161.5600, 38.7450, -13.8550



88.8650, 4.8140, 0.8620



65.4390, 85.6430, 17.2830



12.7910, 16.8260, 3.4340



# Inverse Universe

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



150.4420, -51.3950, -10.2030



185.7250, -80.2330, -16.2090



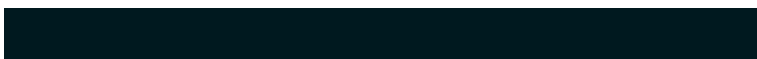
123.4400, -38.7450, 13.8550



90.1350, -4.8140, -0.8620



92.5610, -85.6430, -17.2830



18.2090, -16.8260, -3.4340



# Previews

## White Background



This preview shows how the YIQ color 134.5580, 51.3950, 10.2030 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 134.5580, 51.3950, 10.2030 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 134.5580, 51.3950, 10.2030

## Background



This preview shows how black text looks on a background with the YIQ color 134.5580, 51.3950, 10.2030.



This preview shows how white text looks on a background with the YIQ color 134.5580, 51.3950,



# 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

134.5580, 51.3950, 10.2030

### Protanopia

133.2710, 14.9940, -7.4220

### Deuteranopia

134.3500, 30.9490, -4.7230



## Tritanopia

136.1310, 45.7080, 19.6600

# Trichromacy



## Original Color

134.5580, 51.3950, 10.2030

## Protanomaly

133.9030, 28.0140, -1.0900

## Deuteranomaly

134.8180, 38.5590, 0.5350

## Tritanomaly

135.3930, 47.7260, 16.1260

# Monochromacy



## Original Color

134.5580, 51.3950, 10.2030

## Achromatopsia

135.0000, -0.0000, -0.0000

## Achromatomaly

134.5740, 18.9350, 3.7590

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 134.5580, 51.3950, 10.2030 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(190, 114, 95)` looks like.

```
.text, #text, p{  
    color:rgb(190, 114, 95)  
}
```

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(190, 114, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 114, 95) }
```

## Border

The CSS property to change the border of an element to YIQ 134.5580, 51.3950, 10.2030 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(190, 114, 95) }
```



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

```
.border{ border-color:rgb(190, 114, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 114, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 114, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 114, 95);  
box-shadow:4px 4px 4px 4px rgb(190, 114,  
95) }
```

# Background

The CSS property to change the background color of an element to YIQ 134.5580, 51.3950, 10.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 114, 95) }
```

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

```
.background{ background-color: rgb(190,  
114, 95) }
```

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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