

# Converting Colors

YIQ(134.8020, 54.9650, 44.6370)

Have a look what the booklet for  
YIQ(134.8020, 54.9650, 44.6370)  
contains.

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# **Color**

**YIQ(134.8020, 54.9650,  
44.6370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D75B96
RGB	215, 91, 150
RGB Percent	84%, 36%, 59%
CMY	0.1565, 0.6433, 0.4116
CMYK	0.00, 0.58, 0.30, 0.16
HSL	331°, 61%, 60%
HSV	331°, 58%, 84%
XYZ	37.2944, 24.1366, 31.5659
YIQ	134.8020, 54.9650, 44.6370

# Conversions

## Conversions Part 2

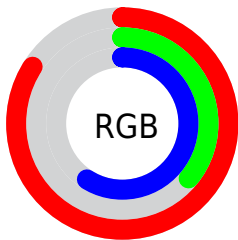
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 91, 150
Decimal	14113686
CIE Lab	56.22, 54.74, -7.84
CIE LCh	56, 55.296, 351.846
Yxy	24.1366, 0.4010, 0.2595
Android (android.graphics.Color)	4292303766 (0xFFD75B96)
YUV	134.8020, 7.4926, 70.3336
Hunter-Lab	49.1290, 49.5256, -3.7042

# Details

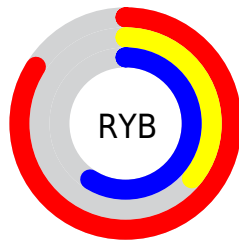
The YIQ color **134.8020, 54.9650, 44.6370** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **171.1980, -54.9650, -44.6370**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.2030, 46.3460, 41.1460**, and **77.6000, 52.7180, 46.8140** is the 20% darker color. If you saturate the color by 10%, you get **120.6340, 64.5460, 52.7220**, and if you desaturate by 10%, it is **148.3830, 45.6590, 37.0750**.

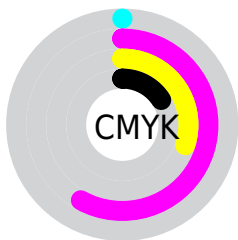
# Distribution



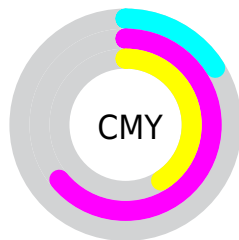
- Red (84%)
- Green (36%)
- Blue (59%)



- Red (84%)
- Yellow (36%)
- Blue (59%)



- Cyan (0%)
- Magenta (58%)
- Yellow (30%)
- Black (16%)




- Cyan (16%)
- Magenta (64%)
- Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 134.8020, 54.9650, 44.6370 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 134.8020, 54.9650, 44.6370 by changing the saturation by 10% instead.





 134.8020, 54.9650,  
44.6370


 134.8020, 54.9650,  
44.6370


255.0000, -0.0000,  
-0.0000


 106.7310, 53.7270,  
45.0470


 185.2030, 46.3460,  
41.1460


 77.6000, 52.7180,  
46.8140

 204.8310, 29.6580,  
35.2100


 46.8220, 52.2130,  
50.4610

 224.4760, 14.3000,  
27.1960

 35.9420, 42.5870,  
37.6830

 241.4990, 6.3250,  
12.0290

 25.4750, 33.2360,  
25.4280

 14.9220, 27.0030,  
11.7310

 0.0000, 0.0000,

0.0000

■ 134.8020, 54.9650,  
44.6370

■ 134.8020, 54.9650,  
44.6370

■ 120.6340, 64.5460,  
52.7220

■ 148.3830, 45.6590,  
37.0750

■ 107.0530, 73.8520,  
60.2840

■ 162.6650, 35.7570,  
29.3010

■ 92.7710, 83.7540,  
68.0580

■ 176.2460, 26.4510,  
21.7390

■ 79.1900, 93.0600,  
75.6200

■ 190.4140, 16.8700,  
13.6540

■ 75.9130, 95.3980,  
77.3020

■ 203.9950, 7.5640,  
6.0920

■ 218.2770, -2.3380,  
-1.6820

■ 232.4450,  
-11.9190, -9.7670

■ 241.3300,  
-19.0250, -13.1450

■ 242.5840,  
-22.5560, -9.7240

# Harmonies

## Analogous

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



138.8590, 15.2600, 42.8440



134.8020, 54.9650, 44.6370



132.0100, 74.2700, 30.6700

# Triad

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



134.8020, 54.9650, 44.6370



125.7190, 24.2150, -36.8810



114.3380, -109.7600, -15.2320

# Complementary

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



134.8020, 54.9650, 44.6370



171.1980, -54.9650, -44.6370

# 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.



112.0120, -97.6990, -30.0750



134.8020, 54.9650, 44.6370



116.8670, -26.1720, -43.3240

# Square

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



134.8020, 54.9650, 44.6370



129.7990, 56.7650, -21.0510



105.8390, -81.6950, -44.7910



110.7480, -113.4300, -3.7820



# Rectangle

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



134.8020, 54.9650, 44.6370



131.8830, 75.4650, 14.5130



105.8390, -81.6950, -44.7910



114.1440, -106.4580, -20.0100

# Sweetspot

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



134.8020, 54.9650, 44.6370



227.1370, 19.2080, 15.3360



124.2720, -1.6600, 52.1320



111.1420, 11.6440, 9.2440



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

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



134.8020, 54.9650, 44.6370



141.2000, 77.9320, 63.4360



129.2500, 73.3540, 25.2420



99.8590, 4.9510, 3.8870



60.3630, 75.9150, 61.4430



15.2510, 18.8870, 15.6470



# Inverse Universe

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



134.8020, 54.9650, 44.6370



141.2000, 77.9320, 63.4360



176.7500, -73.3540, -25.2420



99.8590, 4.9510, 3.8870



60.3630, 75.9150, 61.4430



15.2510, 18.8870, 15.6470



# Previews

## White Background



This preview shows how the YIQ color 134.8020, 54.9650, 44.6370 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 134.8020, 54.9650, 44.6370 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

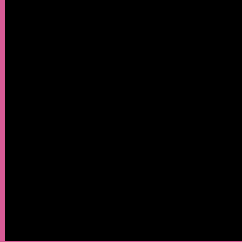
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 134.8020, 54.9650, 44.6370

## Background



This preview shows how black text looks on a background with the YIQ color 134.8020, 54.9650, 44.6370.



This preview shows how white text looks on a background with the YIQ color 134.8020, 54.9650,



# 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

134.8020, 54.9650, 44.6370

### Protanopia

135.8410, -21.0010, 11.6630

### Deuteranopia

136.6680, 4.1710, 7.0110



## Tritanopia

133.9870, 63.9090, 25.7090

# Trichromacy



## Original Color

134.8020, 54.9650, 44.6370

## Protanomaly

135.0620, 6.5980, 23.6060

## Deuteranomaly

135.5660, 22.5540, 20.7780

## Tritanomaly

134.3490, 60.1940, 32.4660

# Monochromacy



## Original Color

134.8020, 54.9650, 44.6370

## Achromatopsia

135.0000, -0.0000, -0.0000

## Achromatomaly

134.8490, 20.0790, 16.0710

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 134.8020, 54.9650, 44.6370 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(215, 91, 150)` looks like.

```
.text, #text, p{  
    color:rgb(215, 91, 150)  
}
```

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(215, 91, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 91, 150) }
```

## Border

The CSS property to change the border of an element to YIQ 134.8020, 54.9650, 44.6370 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(215, 91, 150) }
```



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

```
.border{ border-color:rgb(215, 91, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 91, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 91, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 91, 150);  
box-shadow:4px 4px 4px 4px rgb(215, 91,  
150) }
```

# Background

The CSS property to change the background color of an element to YIQ 134.8020, 54.9650, 44.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 91, 150) }
```

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

```
.background{ background-color: rgb(215, 91,  
150) }
```

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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