

# Converting Colors

YIQ(144.5250, 40.1080, 55.0840)

Have a look what the booklet for  
YIQ(144.5250, 40.1080, 55.0840)  
contains.

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# Color

**YIQ(144.5250, 40.1080,  
55.0840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D962C2
RGB	217, 98, 194
RGB Percent	85%, 38%, 76%
CMY	0.1487, 0.6159, 0.2391
CMYK	0.00, 0.55, 0.11, 0.15
HSL	312°, 61%, 62%
HSV	312°, 55%, 85%
XYZ	42.7443, 27.3872, 54.0851
YIQ	144.5250, 40.1080, 55.0840

# Conversions

## Conversions Part 2

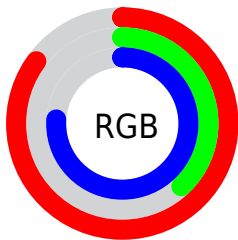
Format	Color
R <sub>YB</sub>	217, 98, 194
Decimal	14246594
CIE <sub>Lab</sub>	59.33, 58.37, -28.51
CIE <sub>LCh</sub>	59, 64.963, 333.967
Yxy	27.3872, 0.3441, 0.2205
Android (android.graphics.Color)	4292436674 (0xFFD962C2)
YUV	144.5250, 24.3912, 63.5606
Hunter-Lab	52.3328, 54.2128, -24.6423

# Details

The YIQ color **144.5250, 40.1080, 55.0840** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **170.4750, -40.1080, -55.0840**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6700, 29.3340, 52.1020**, and **86.9810, 38.8240, 56.3280** is the 20% darker color. If you saturate the color by 10%, you get **131.1550, 47.4420, 65.3460**, and if you desaturate by 10%, it is **157.8950, 32.7740, 44.8220**.

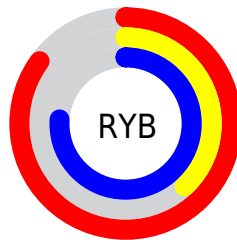
# Distribution



Red (85%)

Green (38%)

Blue (76%)



Red (85%)

Yellow (38%)

Blue (76%)

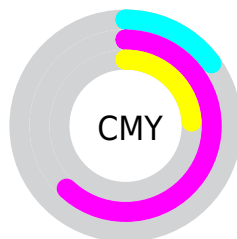


Cyan (0%)

Magenta (55%)

Yellow (11%)

Black (15%)



Cyan (15%)

Magenta (62%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 144.5250, 40.1080, 55.0840 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 144.5250, 40.1080, 55.0840 by changing the saturation by 10% instead.



144.5250, 40.1080,  
55.0840

144.5250, 40.1080,  
55.0840

255.0000, -0.0000,  
-0.0000

116.3400, 39.1910,  
55.1830

194.6700, 29.3340,  
52.1020

86.9810, 38.8240,  
56.3280

212.1490, 20.0750,  
38.1790

52.1650, 41.4820,  
63.2260

228.5850, 12.3750,  
23.5350

41.3560, 33.0940,  
50.0380

246.1950, 4.1250,  
7.8450

30.5470, 24.7060,  
36.8500

21.1620, 18.0600,  
25.1320

7.7760, 3.9870,

10.3470

■ 0.0000, 0.0000,  
0.0000

■ 144.5250, 40.1080,  
55.0840

■ 144.5250, 40.1080,  
55.0840

■ 131.1550, 47.4420,  
65.3460

■ 157.8950, 32.7740,  
44.8220

■ 118.3720, 54.5010,  
75.0850

■ 170.6780, 25.7150,  
35.0830

■ 104.8880, 62.1560,  
85.0360

■ 184.1620, 18.0600,  
25.1320

■ 91.5180, 69.4900,  
95.2980

■ 197.5320, 10.7260,  
14.8700

■ 84.8330, 73.1570,  
100.4290

■ 210.9020, 3.3920,  
4.6080

■ 223.6850, -3.6670,  
-5.1310

■ 237.0550,  
-11.0010, -15.3930

■ 240.5600,  
-13.9810, -16.4530

■ 241.0160,  
-15.2650, -15.2090

# Harmonies

## Analogous

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



145.6670, -19.3100, 41.6020



144.5250, 40.1080, 55.0840



137.9960, 78.0260, 50.7140

# Triad

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



144.5250, 40.1080, 55.0840



132.9770, 58.4190, -40.0210



121.9860, -112.0050, -24.1090

# Complementary

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



144.5250, 40.1080, 55.0840



170.4750, -40.1080, -55.0840

# 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.



116.1890, -94.3040, -42.0480



144.5250, 40.1080, 55.0840



127.6580, 7.8490, -48.6550

# Square

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



144.5250, 40.1080, 55.0840



137.2800, 80.6960, -8.7120



107.7020, -74.5400, -58.8280



123.0240, -123.1950, -8.5310



# Rectangle

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



144.5250, 40.1080, 55.0840



136.8870, 87.9780, 35.5460



107.7020, -74.5400, -58.8280



120.6350, -106.8230, -29.9190

# Sweetspot

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



144.5250, 40.1080, 55.0840



230.0210, 13.8430, 18.9550



118.1440, -25.0870, 41.6730



112.7550, 8.4800, 11.5200



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.



144.5250, 40.1080, 55.0840



152.6220, 56.7930, 77.6010



137.9130, 58.7260, 37.0460



103.3150, 3.6670, 5.1310



67.6870, 58.1680, 80.2160



17.9720, 15.5390, 21.2590



# Inverse Universe

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



144.5250, 40.1080, 55.0840



152.6220, 56.7930, 77.6010



177.0870, -58.7260, -37.0460



103.3150, 3.6670, 5.1310



67.6870, 58.1680, 80.2160



17.9720, 15.5390, 21.2590



# Previews

## White Background



This preview shows how the YIQ color 144.5250, 40.1080, 55.0840 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

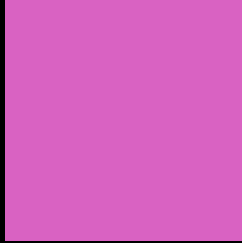
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 144.5250, 40.1080, 55.0840 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

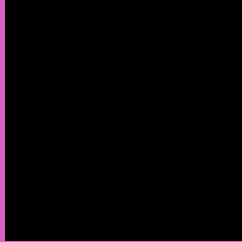
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 144.5250, 40.1080, 55.0840

## Background



This preview shows how black text looks on a background with the YIQ color 144.5250, 40.1080, 55.0840.



This preview shows how white text looks on a background with the YIQ color 144.5250, 40.1080,



# 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

144.5250, 40.1080, 55.0840

### Protanopia

141.0620, -46.1280, 21.0080

### Deuteranopia

144.1510, -18.9380, 12.8220



## Tritanopia

144.0180, 53.4560, 22.4160

# Trichromacy



## Original Color

144.5250, 40.1080, 55.0840



## Protanomaly

142.5500, -14.9070, 33.3890



## Deuteranomaly

144.0710, 2.3790, 28.4830



## Tritanomaly

144.3570, 48.5480, 34.2760

# Monochromacy



## Original Color

144.5250, 40.1080, 55.0840



## Achromatopsia

145.0000, 0.0000, -0.0000



## Achromatomaly

144.8470, 14.3930, 20.0010

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 144.5250, 40.1080, 55.0840 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(217, 98, 194)` looks like.

```
.text, #text, p{  
    color:rgb(217, 98, 194)  
}
```

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(217, 98, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 98, 194) }
```

## Border

The CSS property to change the border of an element to YIQ 144.5250, 40.1080, 55.0840 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(217, 98, 194) }
```



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

```
.border{ border-color:rgb(217, 98, 194) }
```

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

Here you see how a box with a 4 pixel rgb(217, 98, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 98, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 98, 194);  
box-shadow:4px 4px 4px 4px rgb(217, 98,  
194) }
```

# Background

The CSS property to change the background color of an element to YIQ 144.5250, 40.1080, 55.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 98, 194) }
```

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

```
.background{ background-color: rgb(217, 98,  
194) }
```

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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