

# Converting Colors

YIQ(208.6050, 42.8720,  
-17.0640)

Have a look what the booklet for  
YIQ(208.6050, 42.8720, -17.0640)  
contains.

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# Color

**YIQ(208.6050, 42.8720,  
-17.0640)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFD084
RGB	239, 208, 132
RGB Percent	94%, 82%, 52%
CMY	0.0627, 0.1843, 0.4821
CMYK	0.00, 0.13, 0.45, 0.06
HSL	43°, 77%, 73%
HSV	43°, 45%, 94%
XYZ	62.3204, 65.1247, 31.1364
YIQ	208.6050, 42.8720, -17.0640

# Conversions

## Conversions Part 2

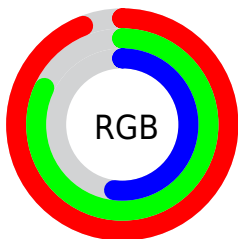
Format	Color
R <sub>Y</sub> B	176, 239, 132
Decimal	15716484
CIE Lab	84.55, 0.98, 41.59
CIE LCh	85, 41.605, 88.649
Yxy	65.1247, 0.3930, 0.4107
Android (android.graphics.Color)	4293906564 (0xFFEFD084)
YUV	208.6050, -37.7663, 26.6564
Hunter-Lab	80.6999, -3.3784, 33.6141

# Details

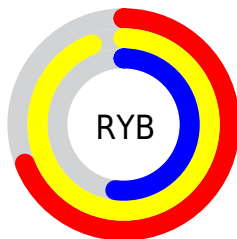
The YIQ color  $208.6050, 42.8720, -17.0640$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $162.3950, -42.8720, 17.0640$ , and the grayscale version is  $209.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.1340, 22.1490, -21.4590$ , and  $153.7510, 39.5250, -16.9790$  is the 20% darker color. If you saturate the color by 10%, you get  $201.7600, 52.5010, -20.8670$ , and if you desaturate by 10%, it is  $215.4500, 33.2430, -13.2610$ .

# Distribution



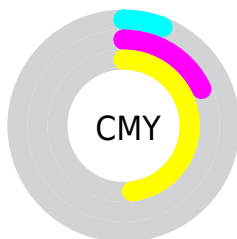
- Red (94%)
- Green (82%)
- Blue (52%)



- Red (69%)
- Yellow (94%)
- Blue (52%)



- Cyan (0%)
- Magenta (13%)
- Yellow (45%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 208.6050, 42.8720, -17.0640 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 208.6050, 42.8720, -17.0640 by changing the saturation by 10% instead.



208.6050, 42.8720,  
-17.0640

208.6050, 42.8720,  
-17.0640

255.0000, -0.0000,  
-0.0000

181.1210, 41.3590,  
-17.1770

247.1340, 22.1490,  
-21.4590

153.7510, 39.5250,  
-16.9790

250.3260, 13.1610,  
-12.7510

127.2670, 38.0120,  
-17.0920

253.6320, 3.8520,  
-3.7320

101.7830, 36.4990,  
-17.2050

76.4300, 35.9950,  
-19.0850

54.9980, 28.7040,  
-13.6000

34.8970, 18.9830,

-8.1290

■ 15.0950, 9.8580,  
-2.4460

■ 0.0000, 0.0000,  
0.0000

■ 208.6050, 42.8720,  
-17.0640

■ 208.6050, 42.8720,  
-17.0640

■ 201.7600, 52.5010,  
-20.8670

■ 215.4500, 33.2430,  
-13.2610

■ 194.9150, 62.1300,  
-24.6700

■ 222.2950, 23.6140,  
-9.4580

■ 188.0700, 71.7590,  
-28.4730

■ 229.1400, 13.9850,  
-5.6550

■ 181.2250, 81.3880,  
-32.2760

■ 235.9850, 4.3560,  
-1.8520

■ 174.4940, 90.6960,  
-35.7680

■ 242.8300, -5.2730,  
1.9510

■ 171.2510, 95.6940,  
-38.2420

■ 247.2810, -8.1610,  
-0.7770

■ 250.2160, -9.5360,  
-3.3920

# Harmonies

## Analogous

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



206.6530, 52.0850, -2.3070



208.6050, 42.8720, -17.0640



204.4160, 12.2470, -29.2330

# Triad

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



208.6050, 42.8720, -17.0640



182.5920, -105.2640, -30.6400



215.3290, 19.3880, 34.1080

# Complementary

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



208.6050, 42.8720, -17.0640



162.3950, -42.8720, 17.0640

# 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.



211.3310, -10.4570, 18.8150



208.6050, 42.8720, -17.0640



188.3430, -90.9610, -20.0250

# Square

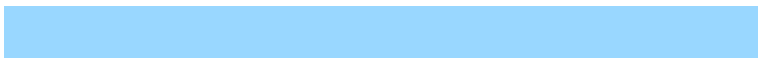
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208.6050, 42.8720, -17.0640



190.3940, -69.7760, -35.0240



201.0220, -49.7920, -0.7040



206.8880, 33.5110, 25.9510



# Rectangle

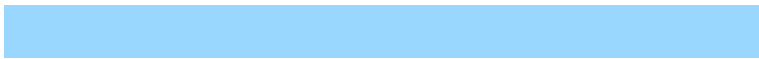
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



208.6050, 42.8720, -17.0640



200.9060, -12.7400, -33.4440



201.0220, -49.7920, -0.7040



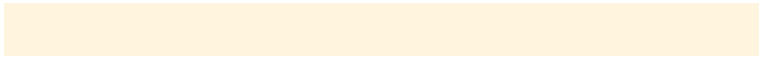
215.3280, 11.9610, 31.0410

# Sweetspot

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



208.6050, 42.8720, -17.0640



245.3680, 13.3430, -5.0330



167.6410, 53.5000, 32.6360



122.0840, 8.3910, -3.3930



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.



208.6050, 42.8720, -17.0640



215.7880, 55.2980, -21.9980



220.5230, 21.8310, -37.7290



116.2840, 4.9520, -1.6400



131.3260, 73.9140, -28.9820



40.2240, 22.3760, -9.0480



# Inverse Universe

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



162.3950, -42.8720, 17.0640



156.2120, -55.2980, 21.9980



150.4770, -21.8310, 37.7290



111.1290, -4.6770, 2.1630



52.0870, -73.6390, 29.5050



15.7760, -22.3760, 9.0480



# Previews

## White Background



This preview shows how the YIQ color 208.6050, 42.8720, -17.0640 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

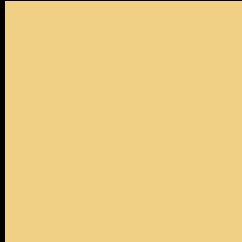
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 208.6050, 42.8720, -17.0640 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 ✓ Pass

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

# YIQ 208.6050, 42.8720, -17.0640

## Background



This preview shows how black text looks on a background with the YIQ color 208.6050, 42.8720, -17.0640.



This preview shows how white text looks on a background with the YIQ color 208.6050, 42.8720,

-17.0640.

# 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

208.6050, 42.8720, -17.0640

### Protanopia

207.7890, 36.3620, -20.2300

### Deuteranopia

209.9810, 53.7370, -10.2230



## Tritanopia

214.3610, 24.3890, 15.0530

# Trichromacy



## Original Color

208.6050, 42.8720, -17.0640

## Protanomaly

208.0990, 38.4250, -19.0710

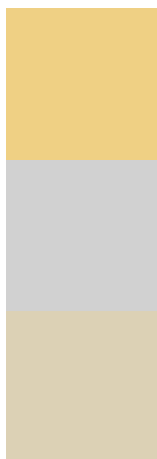
## Deuteranomaly

209.3610, 49.6110, -12.5410

## Tritanomaly

212.5060, 30.8100, 3.3060

# Monochromacy



## Original Color

208.6050, 42.8720, -17.0640

## Achromatopsia

209.0000, 0.0000, 0.0000

## Achromatomaly

209.0970, 15.5440, -6.3760

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 208.6050, 42.8720, -17.0640 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(239, 208, 132)` looks like.

```
.text, #text, p{  
    color:rgb(239, 208, 132)  
}
```

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(239, 208, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 208, 132) }
```

## Border

The CSS property to change the border of an element to YIQ 208.6050, 42.8720, -17.0640 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(239, 208, 132) }
```



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

```
.border{ border-color:rgb(239, 208, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 208, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 208, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 208, 132);  
box-shadow:4px 4px 4px 4px rgb(239, 208,  
132) }
```

# Background

The CSS property to change the background color of an element to YIQ 208.6050, 42.8720, -17.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 208, 132) }
```

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

```
.background{ background-color: rgb(239,  
208, 132) }
```

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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