

Converting Colors

YIQ(217.2580, 59.4260,
-30.7340)

Have a look what the booklet for
YIQ(217.2580, 59.4260, -30.7340)
contains.

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Color

**YIQ(217.2580, 59.4260,
-30.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDD63
RGB	255, 221, 99
RGB Percent	100%, 87%, 39%
CMY	0.0000, 0.1334, 0.6114
CMYK	0.00, 0.13, 0.61, 0.00
HSL	47°, 100%, 69%
HSV	47°, 61%, 100%
XYZ	69.3488, 73.8676, 22.4283
YIQ	217.2580, 59.4260, -30.7340

Conversions

Conversions Part 2

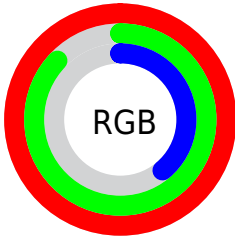
Format	Color
RYB	142, 255, 99
Decimal	16768355
CIELab	88.86, -1.85, 62.68
CIElCh	89, 62.704, 91.694
Yxy	73.8676, 0.4187, 0.4459
Android (android.graphics.Color)	4294958435 (0xFFFFDD63)
YUV	217.2580, -58.3012, 33.0997
Hunter-Lab	85.9463, -6.3771, 44.6902

Details

The YIQ color **217.2580, 59.4260, -30.7340** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **136.7420, -59.4260, 30.7340**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.4860, 32.4210, -31.4110**, and **160.6490, 56.7670, -32.1050** is the 20% darker color. If you saturate the color by 10%, you get **210.8860, 69.1010, -35.3710**, and if you desaturate by 10%, it is **223.7440, 49.4300, -25.7860**.

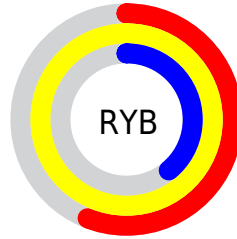
Distribution



Red (100%)

Green (87%)

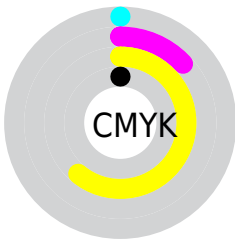
Blue (39%)



Red (56%)

Yellow (100%)

Blue (39%)

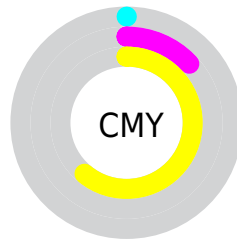


Cyan (0%)

Magenta (13%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.2580, 59.4260, -30.7340 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 217.2580, 59.4260, -30.7340 by changing the saturation by 10% instead.

217.2580, 59.4260,
-30.7340

217.2580, 59.4260,
-30.7340

255.0000, -0.0000,
-0.0000

188.7740, 57.9130,
-30.8470

243.4860, 32.4210,
-31.4110

160.7630, 56.4460,
-31.7940

246.6780, 23.4330,
-22.7030

132.2700, 59.1520,
-36.7840

249.8700, 14.4450,
-13.9950

108.4680, 50.0270,
-31.1010

253.1760, 5.1360,
-4.9760

85.4210, 40.2140,
-23.9620

63.8470, 30.4470,
-17.6570

43.4470, 20.1300,

-12.3980

■ 23.9440, 11.6010,
-6.5030

■ 0.0000, 0.0000,
0.0000

■ 217.2580, 59.4260,
-30.7340

■ 217.2580, 59.4260,
-30.7340

■ 210.8860, 69.1010,
-35.3710

■ 223.7440, 49.4300,
-25.7860

■ 204.9870, 78.8220,
-40.8420

■ 229.5290, 40.0300,
-20.6260

■ 198.6150, 88.4970,
-45.4790

■ 236.0150, 30.0340,
-15.6780

■ 193.0580, 97.2550,
-50.0170

■ 241.8000, 20.6340,
-10.5180

■ 248.2860, 10.6380,
-5.5700

■ 254.0710, 1.2380,
-0.4100

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



206.5100, 59.3770, -13.3190



217.2580, 59.4260, -30.7340



211.0500, 12.6170, -46.9590

Triad

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



217.2580, 59.4260, -30.7340



176.9940, -151.1550, -52.4910



213.3230, 19.5250, 37.1330

Complementary

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



217.2580, 59.4260, -30.7340



136.7420, -59.4260, 30.7340

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.



219.3600, -0.2330, 20.7510



217.2580, 59.4260, -30.7340



172.2980, -148.9550, -48.3070

Square

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



217.2580, 59.4260, -30.7340



174.1610, -141.8000, -62.3440



198.7860, -73.0350, -14.4990



202.5170, 33.4180, 33.1460

Rectangle

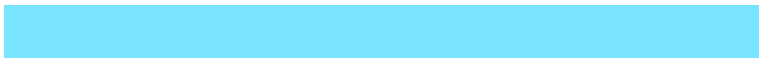
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.2580, 59.4260, -30.7340



204.1020, -28.6920, -52.7240



198.7860, -73.0350, -14.4990



217.4320, 17.6000, 33.4720

Sweetspot

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



217.2580, 59.4260, -30.7340



243.8860, 17.5160, -9.0760



149.7480, 81.4200, 44.2680



120.5850, 11.2340, -5.3580



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.



217.2580, 59.4260, -30.7340



209.7290, 70.9810, -36.4030



224.6580, 25.0440, -57.4200



124.7570, 4.9980, -2.4740



145.1590, 72.5860, -37.9580



48.4860, 24.3940, -12.5820

Inverse Universe

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



136.7420, -59.4260, 30.7340



113.6840, -70.7060, 36.9260



129.3420, -25.0440, 57.4200



118.2430, -4.9980, 2.4740



46.4280, -72.8610, 37.4350



15.5140, -24.3940, 12.5820

Previews

White Background



This preview shows how the YIQ color 217.2580, 59.4260, -30.7340 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 217.2580, 59.4260, -30.7340 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 217.2580, 59.4260, -30.7340

Background



This preview shows how black text looks on a background with the YIQ color 217.2580, 59.4260, -30.7340.



This preview shows how white text looks on a background with the YIQ color 217.2580, 59.4260, -30.7340.

-30.7340.

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

217.2580, 59.4260, -30.7340

Protanopia

217.0400, 54.1080, -33.4760

Deuteranopia

222.6620, 38.6980, -7.4940



Tritanopia

226.2250, 21.7760, 12.8480

Trichromacy



Original Color

217.2580, 59.4260, -30.7340

Protanomaly

217.3500, 56.1710, -32.3170

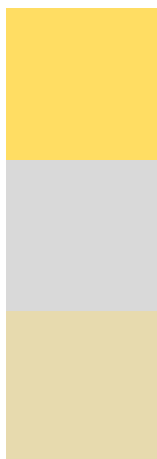
Deuteranomaly

220.3990, 46.4480, -15.7920

Tritanomaly

222.8560, 35.3960, -2.7160

Monochromacy



Original Color

217.2580, 59.4260, -30.7340

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.8710, 21.8720, -10.9280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.2580, 59.4260, -30.7340 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(255, 221, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 99)  
}
```

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(255, 221, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 99) }
```

Border

The CSS property to change the border of an element to YIQ 217.2580, 59.4260, -30.7340 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(255, 221, 99) }
```


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

```
.border{ border-color:rgb(255, 221, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 217.2580, 59.4260, -30.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 99) }
```

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

```
.background{ background-color: rgb(255,  
221, 99) }
```

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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