

Converting Colors

YIQ(217.4060, 61.7650,
-34.5790)

Have a look what the booklet for
YIQ(217.4060, 61.7650, -34.5790)
contains.

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Color

**YIQ(217.4060, 61.7650,
-34.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDF5A
RGB	255, 223, 90
RGB Percent	100%, 87%, 35%
CMY	0.0000, 0.1255, 0.6467
CMYK	0.00, 0.13, 0.65, 0.00
HSL	48°, 100%, 68%
HSV	48°, 65%, 100%
XYZ	69.4726, 74.7673, 20.4626
YIQ	217.4060, 61.7650, -34.5790

Conversions

Conversions Part 2

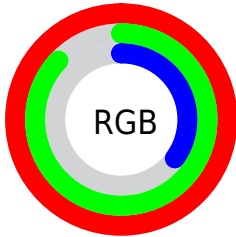
Format	Color
R _Y B	130, 255, 90
Decimal	16768858
CIE Lab	89.28, -3.41, 66.96
CIE LCh	89, 67.052, 92.918
Yxy	74.7673, 0.4218, 0.4540
Android (android.graphics.Color)	4294958938 (0xFFFFDF5A)
YUV	217.4060, -62.8112, 32.9699
Hunter-Lab	86.4681, -7.9038, 46.4967

Details

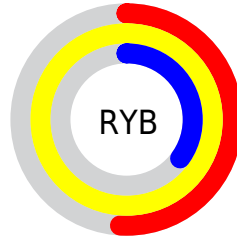
The YIQ color **217.4060, 61.7650, -34.5790** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **127.5940, -61.7650, 34.5790**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4600, 35.3100, -34.2100**, and **160.3410, 60.3900, -37.1940** is the 20% darker color. If you saturate the color by 10%, you get **211.6210, 71.1650, -39.7390**, and if you desaturate by 10%, it is **223.3050, 52.0440, -29.1080**.

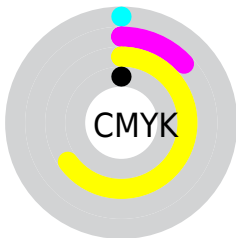
Distribution



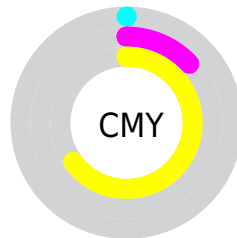
- Red (100%)
- Green (87%)
- Blue (35%)



- Red (51%)
- Yellow (100%)
- Blue (35%)



- Cyan (0%)
- Magenta (13%)
- Yellow (65%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.4060, 61.7650, -34.5790 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 217.4060, 61.7650, -34.5790 by changing the saturation by 10% instead.

217.4060, 61.7650,
-34.5790

217.4060, 61.7650,
-34.5790

255.0000, -0.0000,
-0.0000

188.8080, 60.5730,
-35.0030

242.4600, 35.3100,
-34.2100

160.3410, 60.3900,
-37.1940

245.6520, 26.3220,
-25.5020

132.6890, 59.2900,
-39.2860

248.9580, 17.0130,
-16.4830

109.6420, 49.4770,
-32.1470

252.2640, 7.7040,
-7.4640

86.5950, 39.6640,
-25.0080

64.7220, 29.3010,
-18.9150

44.0340, 19.8550,

-12.9210

■ 24.8190, 10.4550,
-7.7610

■ 0.0000, 0.0000,
0.0000

■ 217.4060, 61.7650,
-34.5790

■ 217.4060, 61.7650,
-34.5790

■ 211.6210, 71.1650,
-39.7390

■ 223.3050, 52.0440,
-29.1080

■ 205.7220, 80.8860,
-45.2100

■ 229.0900, 42.6440,
-23.9480

■ 199.9370, 90.2860,
-50.3700

■ 234.9890, 32.9230,
-18.4770

■ 197.1670, 95.3300,
-53.6780

■ 240.7740, 23.5230,
-13.3170

■ 246.6730, 13.8020,
-7.8460

■ 252.4580, 4.4020,
-2.6860

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.



206.1850, 61.6700, -16.3300



217.4060, 61.7650, -34.5790



210.7460, 10.4170, -51.1430

Triad

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



217.4060, 61.7650, -34.5790



178.7550, -151.9800, -54.0600



210.9750, 20.6250, 39.2250

Complementary

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



217.4060, 61.7650, -34.5790



127.5940, -61.7650, 34.5790

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.



219.9690, 2.4260, 22.1220



217.4060, 61.7650, -34.5790



173.4720, -149.5050, -49.3530

Square

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



217.4060, 61.7650, -34.5790



175.7910, -143.6340, -62.1460



197.2800, -77.4820, -16.5060



200.0550, 34.8390, 34.9270

Rectangle

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



217.4060, 61.7650, -34.5790



202.9440, -34.2390, -56.8230



197.2800, -77.4820, -16.5060



215.6710, 18.4250, 35.0410

Sweetspot

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



217.4060, 61.7650, -34.5790



244.2450, 17.8830, -10.2210



143.0970, 87.7470, 45.2430



121.0580, 11.2800, -6.1920



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.



217.4060, 61.7650, -34.5790



209.4210, 74.6040, -41.4920



221.5390, 23.7610, -61.7030



124.7570, 4.9980, -2.4740



147.5070, 71.4860, -40.0500



49.0730, 24.1190, -13.1050

Inverse Universe

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



127.5940, -61.7650, 34.5790



101.5790, -74.6040, 41.4920



123.7600, -23.1650, 61.9150



117.6560, -4.7230, 2.9970



43.4930, -71.4860, 40.0500



14.3400, -23.8440, 13.6280

Previews

White Background



This preview shows how the YIQ color 217.4060, 61.7650, -34.5790 looks on a white background.

Color Contrast Check

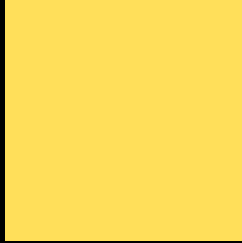
Large Text (above 18pt) WCAG AA × Fail

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 217.4060, 61.7650, -34.5790 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 217.4060, 61.7650, -34.5790

Background



This preview shows how black text looks on a background with the YIQ color 217.4060, 61.7650, -34.5790.



This preview shows how white text looks on a background with the YIQ color 217.4060, 61.7650, -34.5790.

-34.5790.

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

217.4060, 61.7650, -34.5790

Protanopia

217.1990, 57.9140, -36.3740

Deuteranopia

224.1780, 37.1850, -7.6070



Tritanopia

227.5130, 20.9050, 12.1130

Trichromacy



Original Color

217.4060, 61.7650, -34.5790

Protanomaly

217.2100, 59.3810, -35.4270

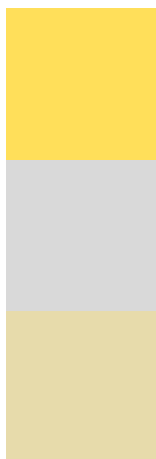
Deuteranomaly

221.4590, 46.2190, -17.1490

Tritanomaly

223.6880, 35.8090, -4.6950

Monochromacy



Original Color

217.4060, 61.7650, -34.5790

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.1160, 22.5600, -12.3840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.4060, 61.7650, -34.5790 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, 223, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 90)  
}
```

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, 223, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 90) }
```

Border

The CSS property to change the border of an element to YIQ 217.4060, 61.7650, -34.5790 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, 223, 90) }
```


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

```
.border{ border-color:rgb(255, 223, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 217.4060, 61.7650, -34.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 90) }
```

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

```
.background{ background-color: rgb(255,  
223, 90) }
```

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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