

Converting Colors

YIQ(217.6990, 61.3570,
-60.2350)

Have a look what the booklet for
YIQ(217.6990, 61.3570, -60.2350)
contains.

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Color

**YIQ(217.6990, 61.3570,
-60.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF02F
RGB	239, 240, 47
RGB Percent	94%, 94%, 18%
CMY	0.0629, 0.0588, 0.8153
CMYK	0.00, 0.00, 0.80, 0.06
HSL	60°, 87%, 56%
HSV	60°, 80%, 94%
XYZ	67.2612, 80.8714, 14.7646
YIQ	217.6990, 61.3570, -60.2350

Conversions

Conversions Part 2

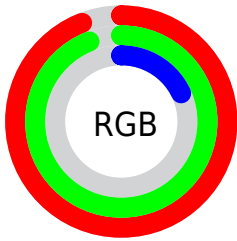
Format	Color
R _Y B	47, 240, 48
Decimal	15724591
CIE Lab	92.07, -20.27, 83.58
CIE LCh	92, 86.008, 103.633
Yxy	80.8714, 0.4129, 0.4965
Android (android.graphics.Color)	4293914671 (0xFFEFF02F)
YUV	217.6990, -84.1546, 18.6810
Hunter-Lab	89.9286, -23.8675, 53.2156

Details

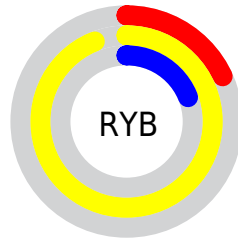
The YIQ color **217.6990, 61.3570, -60.2350** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **69.3010, -61.3570, 60.2350**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.6980, 45.9030, -44.4730**, and **161.5290, 56.0840, -58.2840** is the 20% darker color. If you saturate the color by 10%, you get **214.9630, 69.0610, -67.6990**, and if you desaturate by 10%, it is **220.4350, 53.6530, -52.7710**.

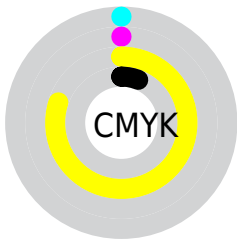
Distribution



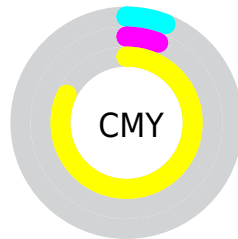
- Red (94%)
- Green (94%)
- Blue (18%)



- Red (18%)
- Yellow (94%)
- Blue (19%)



- Cyan (0%)
- Magenta (0%)
- Yellow (80%)
- Black (6%)



- Cyan (6%)
- Magenta (6%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.6990, 61.3570, -60.2350 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 217.6990, 61.3570, -60.2350 by changing the saturation by 10% instead.

217.6990, 61.3570,
-60.2350

217.6990, 61.3570,
-60.2350

255.0000, -0.0000,
-0.0000

186.9350, 66.2640,
-66.5680

238.6980, 45.9030,
-44.4730

161.5290, 56.0840,
-58.2840

242.0040, 36.5940,
-35.4540

137.2970, 45.3540,
-51.0460

245.3100, 27.2850,
-26.4350

113.3640, 35.2200,
-43.5960

248.7300, 17.6550,
-17.1050

90.3170, 25.4070,
-36.4570

252.1500, 8.0250,
-7.7750

67.2700, 15.5940,
-29.3180

45.9950, 6.4230,

-22.8010

■ 25.5950, -3.8940,
-17.5420

■ 8.2180, -3.8500,
-7.3220

■ 217.6990, 61.3570,
-60.2350

■ 217.6990, 61.3570,
-60.2350

■ 214.9630, 69.0610,
-67.6990


■ 220.4350, 53.6530,
-52.7710


■ 212.3410, 76.4440,
-74.8520


■ 223.1710, 45.9490,
-45.3070


■ 225.9070, 38.2450,
-37.8430


■ 228.6430, 30.5410,
-30.3790

 231.6780, 23.4330,
-22.7030

 234.4140, 15.7290,
-15.2390

 237.1500, 8.0250,
-7.7750

 239.8860, 0.3210,
-0.3110

 241.7100, -4.8150,
4.6650

Harmonies

Analogous

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



207.5290, 74.4200, -38.1560



217.6990, 61.3570, -60.2350



204.8960, -17.0890, -70.2810

Triad

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



217.6990, 61.3570, -60.2350



178.7550, -151.9800, -54.0600



199.8220, 25.8500, 49.1620

Complementary

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



217.6990, 61.3570, -60.2350



69.3010, -61.3570, 60.2350

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.



219.1930, 16.7750, 31.9030



217.6990, 61.3570, -60.2350



178.1680, -151.7050, -53.5370

Square

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



217.6990, 61.3570, -60.2350



178.7550, -151.9800, -54.0600



204.7550, -62.5820, -11.2060



189.2150, 46.0720, 35.0960

Rectangle

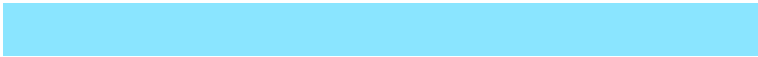
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.6990, 61.3570, -60.2350



167.3550, -119.8800, -85.1600



204.7550, -62.5820, -11.2060



205.1050, 23.3750, 44.4550

Sweetspot

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



217.6990, 61.3570, -60.2350



248.0460, 19.5810, -18.9710



104.7070, 115.0280, 40.9160



123.4830, 11.2810, -11.7190



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.



217.6990, 61.3570, -60.2350



226.7710, 78.0490, -76.4070



189.2940, 4.7370, -80.3750



118.6320, 3.8520, -3.7320



162.7250, 58.4680, -57.4360



49.6160, 17.9760, -17.4160

Inverse Universe

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



69.3010, -61.3570, 60.2350



38.5280, -77.4530, 76.6190



98.0050, -4.1410, 80.5870



109.3680, -3.8520, 3.7320



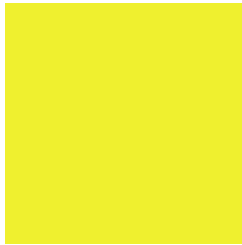
21.2750, -58.4680, 57.4360



6.3840, -17.9760, 17.4160

Previews

White Background



This preview shows how the YIQ color 217.6990, 61.3570, -60.2350 looks on a white background.

Color Contrast Check

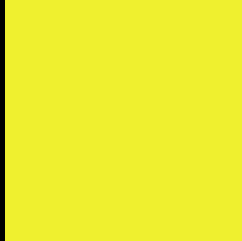
Large Text (above 18pt) WCAG AA × Fail

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 217.6990, 61.3570, -60.2350 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 217.6990, 61.3570, -60.2350

Background



This preview shows how black text looks on a background with the YIQ color 217.6990, 61.3570, -60.2350.



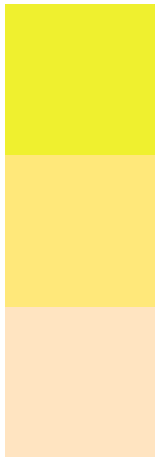
This preview shows how white text looks on a background with the YIQ color 217.6990, 61.3570,

-60.2350.

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

217.6990, 61.3570, -60.2350

Protanopia

226.3370, 49.0180, -29.3340

Deuteranopia

232.0830, 27.3270, -5.1610



Tritanopia

234.6200, 13.2940, 12.3820

Trichromacy



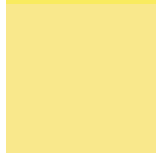
Original Color

217.6990, 61.3570, -60.2350



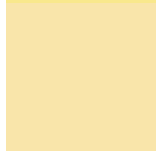
Protanomaly

223.2260, 53.2840, -40.5720



Deuteranomaly

226.5950, 39.6640, -25.0080



Tritanomaly

228.2540, 30.8590, -14.1090

Monochromacy



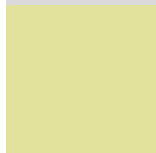
Original Color

217.6990, 61.3570, -60.2350



Achromatopsia

218.0000, -0.0000, 0.0000



Achromatomaly

218.0200, 22.4700, -21.7700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.6990, 61.3570, -60.2350 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, 240, 47)` looks like.

```
.text, #text, p{  
    color:rgb(239, 240, 47)  
}
```

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, 240, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 240, 47) }
```

Border

The CSS property to change the border of an element to YIQ 217.6990, 61.3570, -60.2350 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, 240, 47) }
```


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

```
.border{ border-color:rgb(239, 240, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 240, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 240, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 240, 47);  
box-shadow:4px 4px 4px 4px rgb(239, 240,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 217.6990, 61.3570, -60.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 240, 47) }
```

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

```
.background{ background-color: rgb(239,  
240, 47) }
```

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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