

Converting Colors

YIQ(209.2150, 59.8440,
-60.3480)

Have a look what the booklet for
YIQ(209.2150, 59.8440, -60.3480)
contains.

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Color

**YIQ(209.2150, 59.8440,
-60.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E828
RGB	229, 232, 40
RGB Percent	90%, 91%, 16%
CMY	0.1021, 0.0902, 0.8427
CMYK	0.01, 0.00, 0.83, 0.09
HSL	61°, 81%, 53%
HSV	61°, 83%, 91%
XYZ	61.5443, 74.5202, 13.1564
YIQ	209.2150, 59.8440, -60.3480

Conversions

Conversions Part 2

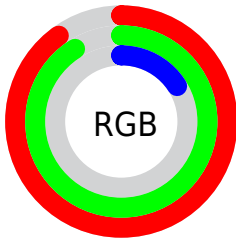
Format	Color
R_{YB}	40, 232, 43
Decimal	15067176
CIE _{Lab}	89.17, -20.74, 82.45
CIE _{LCh}	89, 85.017, 104.122
Yxy	74.5202, 0.4124, 0.4994
Android (android.graphics.Color)	4293257256 (0xFFE5E828)
YUV	209.2150, -83.4230, 17.3514
Hunter-Lab	86.3251, -23.8098, 51.3915

Details

The YIQ color **209.2150, 59.8440, -60.3480** 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 **62.7850, -59.8440, 60.3480**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.0140, 47.8290, -46.3390**, and **154.4300, 52.0490, -56.7430** is the 20% darker color. If you saturate the color by 10%, you get **206.5930, 67.2270, -67.5010**, and if you desaturate by 10%, it is **211.8370, 52.4610, -53.1950**.

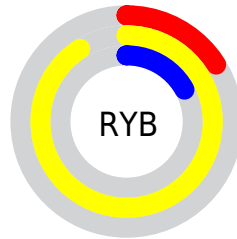
Distribution



Red (90%)

Green (91%)

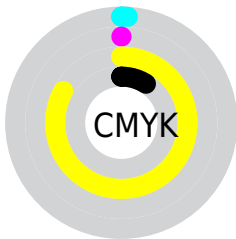
Blue (16%)



Red (16%)

Yellow (91%)

Blue (17%)

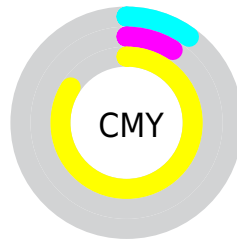


Cyan (1%)

Magenta (0%)

Yellow (83%)

Black (9%)



Cyan (10%)

Magenta (9%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.2150, 59.8440, -60.3480 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 209.2150, 59.8440, -60.3480 by changing the saturation by 10% instead.

■ 209.2150, 59.8440,
-60.3480

■ 209.2150, 59.8440,
-60.3480

255.0000, -0.0000,
-0.0000

■ 179.2490, 62.5040,
-64.5040

■ 238.0140, 47.8290,
-46.3390

■ 154.4300, 52.0490,
-56.7430

■ 241.3200, 38.5200,
-37.3200

■ 129.9100, 42.1900,
-48.7700

■ 244.7400, 28.8900,
-27.9900

■ 105.9770, 32.0560,
-41.3200

■ 248.0460, 19.5810,
-18.9710

■ 83.5170, 21.9680,
-34.7040

■ 251.4660, 9.9510,
-9.6410

■ 61.3560, 12.4760,
-27.8760

254.8860, 0.3210,

■ 39.7820, 2.7090,

-0.3110

-21.5710

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 209.2150, 59.8440,
-60.3480

■ 209.2150, 59.8440,
-60.3480

■ 206.5930, 67.2270,
-67.5010

■ 211.8370, 52.4610,
-53.1950

■ 204.3560, 72.0880,
-73.0000

■ 214.8720, 45.3530,
-45.5190

■ 217.4940, 37.9700,
-38.3660

■ 220.1160, 30.5870,
-31.2130

■ 223.0370, 23.8000,
-23.8480

■ 225.6590, 16.4170,
-16.6950

■ 228.6940, 9.3090,
-9.0190

■ 231.3160, 1.9260,
-1.8660

■ 233.9380, -5.4570,
5.2870

Harmonies

Analogous

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



202.0350, 78.8670, -36.1490



209.2150, 59.8440, -60.3480



198.7000, -19.4730, -71.1290

Triad

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



209.2150, 59.8440, -60.3480



178.7550, -151.9800, -54.0600



195.1260, 28.0500, 53.3460

Complementary

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



209.2150, 59.8440, -60.3480



62.7850, -59.8440, 60.3480

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.



213.9100, 19.2500, 36.6100



209.2150, 59.8440, -60.3480



172.8850, -149.2300, -48.8300

Square

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



209.2150, 59.8440, -60.3480



178.7550, -151.9800, -54.0600



197.9770, -63.0870, -7.5590



183.4930, 51.1610, 36.4810

Rectangle

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



209.2150, 59.8440, -60.3480



166.6710, -117.9540, -87.0260



197.9770, -63.0870, -7.5590



200.4090, 25.5750, 48.6390

Sweetspot

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



209.2150, 59.8440, -60.3480



247.4050, 19.9480, -20.1160



97.4080, 114.4320, 40.7040



123.2550, 11.9230, -12.3410



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.



209.2150, 59.8440, -60.3480



225.0760, 78.5080, -79.2200



181.4080, 4.4160, -80.0640



113.6320, 3.8520, -3.7320



157.6970, 55.6710, -56.3050



44.8870, 15.7750, -16.0730

Inverse Universe

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



62.7850, -59.8440, 60.3480



32.9240, -78.5080, 79.2200



90.5920, -4.4160, 80.0640



104.3680, -3.8520, 3.7320



21.3030, -55.6710, 56.3050



6.1130, -15.7750, 16.0730

Previews

White Background



This preview shows how the YIQ color 209.2150, 59.8440, -60.3480 looks on a white background.

Color Contrast Check

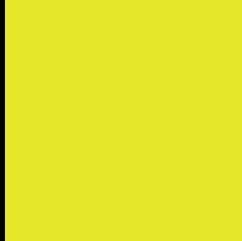
Large Text (above 18pt) WCAG AA × Fail

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 209.2150, 59.8440, -60.3480 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 209.2150, 59.8440, -60.3480

Background



This preview shows how black text looks on a background with the YIQ color 209.2150, 59.8440, -60.3480.



This preview shows how white text looks on a background with the YIQ color 209.2150, 59.8440, -60.3480.

-60.3480.

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

209.2150, 59.8440, -60.3480

Protanopia

211.1680, 76.3940, -51.9100

Deuteranopia

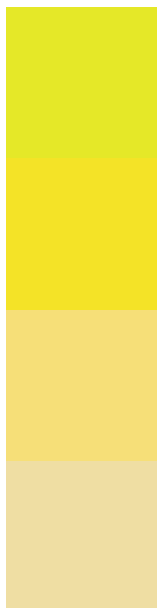
223.0210, 39.0650, -8.6390



Tritanopia

226.3100, 11.2310, 11.2230

Trichromacy



Original Color

209.2150, 59.8440, -60.3480

Protanomaly

210.6510, 70.4800, -54.8640

Deuteranomaly

218.1350, 46.7710, -27.1570

Tritanomaly

220.3570, 29.0710, -14.7450

Monochromacy



Original Color

209.2150, 59.8440, -60.3480

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.8350, 21.5530, -21.6710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.2150, 59.8440, -60.3480 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(229, 232, 40)` looks like.

```
.text, #text, p{  
    color:rgb(229, 232, 40)  
}
```

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(229, 232, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 232, 40) }
```

Border

The CSS property to change the border of an element to YIQ 209.2150, 59.8440, -60.3480 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(229, 232, 40) }
```


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

```
.border{ border-color:rgb(229, 232, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 232, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 232, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 232, 40);  
box-shadow:4px 4px 4px 4px rgb(229, 232,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 209.2150, 59.8440, -60.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 232, 40) }
```

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

```
.background{ background-color: rgb(229,  
232, 40) }
```

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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