

Converting Colors

YIQ(206.5870, 58.1960,
-74.5400)

Have a look what the booklet for
YIQ(206.5870, 58.1960, -74.5400)
contains.

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Color

**YIQ(206.5870, 58.1960,
-74.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	D8EF0F
RGB	216, 239, 15
RGB Percent	85%, 94%, 6%
CMY	0.1531, 0.0627, 0.9407
CMYK	0.10, 0.00, 0.94, 0.06
HSL	66°, 88%, 50%
HSV	66°, 94%, 94%
XYZ	59.2604, 76.3645, 12.0723
YIQ	206.5870, 58.1960, -74.5400

Conversions

Conversions Part 2

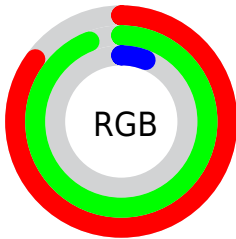
Format	Color
R_{YB}	15, 239, 38
Decimal	14216975
CIE _{Lab}	90.03, -29.87, 86.73
CIE _{LCh}	90, 91.726, 109.005
Yxy	76.3645, 0.4012, 0.5170
Android (android.graphics.Color)	4292407055 (0xFFD8EF0F)
YUV	206.5870, -94.4524, 8.2552
Hunter-Lab	87.3868, -31.8790, 52.9800

Details

The YIQ color **206.5870, 58.1960, -74.5400** 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 **47.4130, -58.1960, 74.5400**, and the grayscale version is **207.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **236.8740, 51.0390, -49.4490**, and **154.0650, 42.6510, -62.6370** is the 20% darker color. If you saturate the color by 10%, you get **204.2790, 61.8190, -79.6290**, and if you desaturate by 10%, it is **209.9210, 51.6840, -66.6520**.

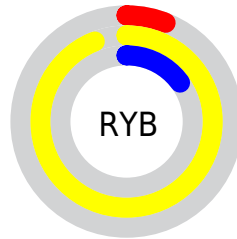
Distribution



Red (85%)

Green (94%)

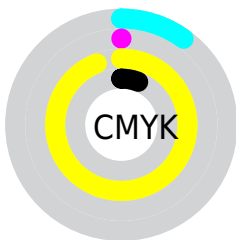
Blue (6%)



Red (6%)

Yellow (94%)

Blue (15%)

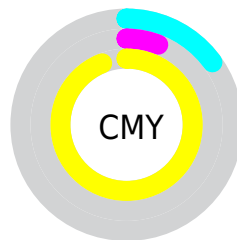


Cyan (10%)

Magenta (0%)

Yellow (94%)

Black (6%)



Cyan (15%)

Magenta (6%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.5870, 58.1960, -74.5400 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 206.5870, 58.1960, -74.5400 by changing the saturation by 10% instead.

■ 206.5870, 58.1960,
-74.5400

■ 206.5870, 58.1960,
-74.5400

■ 255.0000, -0.0000,
-0.0000

■ 179.4710, 52.8310,
-70.9210

■ 236.8740, 51.0390,
-49.4490

■ 154.0650, 42.6510,
-62.6370

■ 240.2940, 41.4090,
-40.1190

■ 129.5450, 32.7920,
-54.6640

■ 243.7140, 31.7790,
-30.7890

■ 105.9110, 23.2540,
-47.0020

■ 247.0200, 22.4700,
-21.7700

■ 82.2660, 12.2490,
-40.2870

■ 250.4400, 12.8400,
-12.4400

■ 59.8060, 2.1610,
-33.6710

■ 253.8600, 3.2100,

■ 36.4380, -11.1820,

-3.1100

-28.6380

■ 21.1320, -9.9000,
-18.8280

■ 0.0000, 0.0000,
0.0000

■ 206.5870, 58.1960,
-74.5400

■ 206.5870, 58.1960,
-74.5400

■ 204.2790, 61.8190,
-79.6290

■ 209.9210, 51.6840,
-66.6520

■ 213.5540, 45.7680,
-58.5520

■ 216.8880, 39.2560,
-50.6640

■ 220.5210, 33.3400,
-42.5640

■ 223.8550, 26.8280,
-34.6760

■ 227.4880, 20.9120,
-26.5760

■ 230.7080, 14.7210,
-18.9990

■ 234.3410, 8.8050,
-10.8990

■ 237.6750, 2.2930,
-3.0110

Harmonies

Analogous

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



201.6980, 89.4610, -51.9390



206.5870, 58.1960, -74.5400



192.5230, -41.2040, -79.2840

Triad

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



206.5870, 58.1960, -74.5400



178.7550, -151.9800, -54.0600



188.6690, 31.0750, 59.0990

Complementary

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



206.5870, 58.1960, -74.5400



47.4130, -58.1960, 74.5400

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.



209.2140, 21.4500, 40.7940



206.5870, 58.1960, -74.5400



173.4720, -149.5050, -49.3530

Square

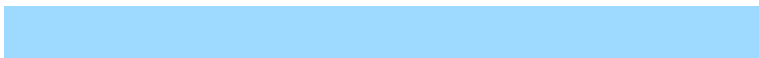
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.5870, 58.1960, -74.5400



178.7550, -151.9800, -54.0600



203.6910, -47.3620, -0.6900



178.9620, 57.0300, 34.7420

Rectangle

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



206.5870, 58.1960, -74.5400



167.9250, -121.4850, -83.6050



203.6910, -47.3620, -0.6900



194.5390, 28.3250, 53.8690

Sweetspot

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



206.5870, 58.1960, -74.5400



244.8130, 18.6190, -23.5650



95.4770, 127.1790, 35.4590



121.4890, 11.1440, -14.7440



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.



206.5870, 58.1960, -74.5400



218.1560, 66.3590, -84.8170



173.3980, -7.9600, -98.0720



118.3330, 3.2560, -3.9440



157.3430, 47.7400, -61.2520



47.8220, 14.4000, -18.6880

Inverse Universe

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



47.4130, -58.1960, 74.5400



36.8440, -66.3590, 84.8170



80.6020, 7.9600, 98.0720



109.6670, -3.2560, 3.9440



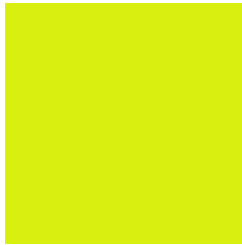
26.6570, -47.7400, 61.2520



8.1780, -14.4000, 18.6880

Previews

White Background



This preview shows how the YIQ color 206.5870, 58.1960, -74.5400 looks on a white background.

Color Contrast Check

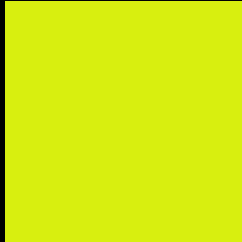
Large Text (above 18pt) WCAG AA × Fail

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 206.5870, 58.1960, -74.5400 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 206.5870, 58.1960, -74.5400

Background



This preview shows how black text looks on a background with the YIQ color 206.5870, 58.1960, -74.5400.



This preview shows how white text looks on a background with the YIQ color 206.5870, 58.1960,

-74.5400.

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

206.5870, 58.1960, -74.5400

Protanopia

210.4060, 86.9870, -62.1730

Deuteranopia

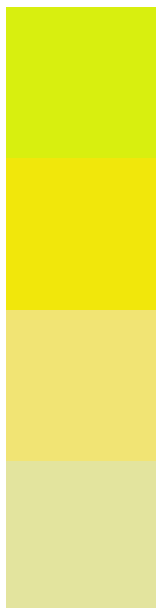
225.6940, 35.6720, -7.7200



Tritanopia

227.6400, 1.3740, 8.1420

Trichromacy



Original Color

206.5870, 58.1960, -74.5400

Protanomaly

208.9100, 76.5800, -66.3000

Deuteranomaly

219.1190, 43.7000, -32.0760

Tritanomaly

219.7210, 21.8740, -21.9820

Monochromacy



Original Color

206.5870, 58.1960, -74.5400

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.9610, 20.9580, -27.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.5870, 58.1960, -74.5400 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(216, 239, 15)` looks like.

```
.text, #text, p{  
    color:rgb(216, 239, 15)  
}
```

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(216, 239, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 239, 15) }
```

Border

The CSS property to change the border of an element to YIQ 206.5870, 58.1960, -74.5400 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(216, 239, 15) }
```


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

```
.border{ border-color:rgb(216, 239, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 239, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 239, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 239, 15);  
box-shadow:4px 4px 4px 4px rgb(216, 239,  
15) }
```

Background

The CSS property to change the background color of an element to YIQ 206.5870, 58.1960, -74.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 239, 15) }
```

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

```
.background{ background-color: rgb(216,  
239, 15) }
```

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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