

Converting Colors

YIQ(198.3180, 84.4190,
-59.6850)

Have a look what the booklet for
YIQ(198.3180, 84.4190, -59.6850)
contains.

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Color

**YIQ(198.3180, 84.4190,
-59.6850)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D603
RGB	242, 214, 3
RGB Percent	95%, 84%, 1%
CMY	0.0510, 0.1608, 0.9876
CMYK	0.00, 0.12, 0.99, 0.05
HSL	53°, 97%, 48%
HSV	53°, 99%, 95%
XYZ	60.6729, 66.9681, 9.8181
YIQ	198.3180, 84.4190, -59.6850

Conversions

Conversions Part 2

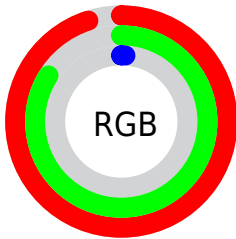
Format	Color
R_{YB}	35, 242, 3
Decimal	15914499
CIE _{Lab}	85.49, -6.93, 85.29
CIE _{LCh}	85, 85.575, 94.646
Y _{xy}	66.9681, 0.4414, 0.4872
Android (android.graphics.Color)	4294104579 (0xFFFF2D603)
YUV	198.3180, -96.2918, 38.3091
Hunter-Lab	81.8340, -10.8672, 50.1704

Details

The YIQ color **198.3180, 84.4190, -59.6850** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **46.6820, -84.4190, 59.6850**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0760, 53.2860, -51.6260**, and **148.0390, 63.8760, -45.3080** is the 20% darker color. If you saturate the color by 10%, you get **197.9760, 85.3820, -60.6180**, and if you desaturate by 10%, it is **202.8150, 75.8900, -53.7900**.

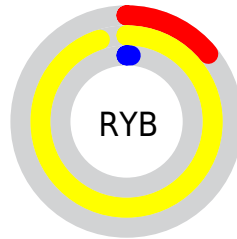
Distribution



Red (95%)

Green (84%)

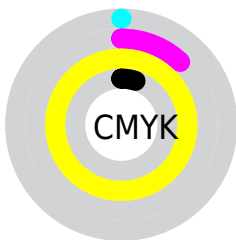
Blue (1%)



Red (14%)

Yellow (95%)

Blue (1%)

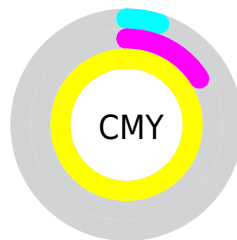


Cyan (0%)

Magenta (12%)

Yellow (99%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.3180, 84.4190, -59.6850 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 198.3180, 84.4190, -59.6850 by changing the saturation by 10% instead.

198.3180, 84.4190,
-59.6850

198.3180, 84.4190,
-59.6850

255.0000, -0.0000,
-0.0000

172.8580, 74.3310,
-53.0690

236.0760, 53.2860,
-51.6260

148.0390, 63.8760,
-45.3080

239.4960, 43.6560,
-42.2960

123.8070, 53.1460,
-38.0700

242.8020, 34.3470,
-33.2770

100.4610, 42.7370,
-31.1430

246.2220, 24.7170,
-23.9470

77.7020, 32.0530,
-24.7390

249.5280, 15.4080,
-14.9280

56.1280, 22.2860,
-18.4340

252.9480, 5.7780,

36.3260, 13.1610,

-5.5980

-12.7510

■ 16.2140, 1.9730,
-8.2270

■ 0.0000, 0.0000,
0.0000

■ 198.3180, 84.4190,
-59.6850

■ 198.3180, 84.4190,
-59.6850

■ 197.9760, 85.3820,
-60.6180

■ 202.8150, 75.8900,
-53.7900

■ 207.4260, 67.0400,
-47.5840

■ 211.9230, 58.5110,
-41.6890

■ 215.8330, 50.2570,
-35.2710

■ 220.3300, 41.7280,
-29.3760

■ 224.8270, 33.1990,
-23.4810

■ 229.4380, 24.3490,
-17.2750

■ 233.9350, 15.8200,
-11.3800

■ 238.4320, 7.2910,
-5.4850

Harmonies

Analogous

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



190.2780, 83.0370, -23.6110



198.3180, 84.4190, -59.6850



192.5970, 8.6780, -69.1940

Triad

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



198.3180, 84.4190, -59.6850



175.8200, -150.6050, -51.4450



193.3650, 28.8750, 54.9150

Complementary

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



198.3180, 84.4190, -59.6850



46.6820, -84.4190, 59.6850

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.



207.3210, 4.6710, 30.9990



198.3180, 84.4190, -59.6850



169.9500, -147.8550, -46.2150

Square

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



198.3180, 84.4190, -59.6850



172.8730, -140.9290, -61.6090



157.6230, -142.0800, -35.2320



176.9850, 50.1960, 48.4680

Rectangle

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



198.3180, 84.4190, -59.6850



177.1540, -61.9740, -77.3180



157.6230, -142.0800, -35.2320



199.8220, 25.8500, 49.1620

Sweetspot

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



198.3180, 84.4190, -59.6850



241.0530, 26.8710, -18.9290



78.1090, 132.1720, 60.6200



119.2340, 16.4160, -11.1680



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.



198.3180, 84.4190, -59.6850



208.3200, 90.1050, -63.6150



188.4420, 24.2710, -92.9850



117.4580, 4.4020, -2.6860



150.1100, 65.1140, -45.7180



46.0940, 19.6260, -14.2780

Inverse Universe

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



46.6820, -84.4190, 59.6850



46.6800, -90.1050, 63.6150



56.5580, -24.2710, 92.9850



109.9550, -4.1270, 3.2090



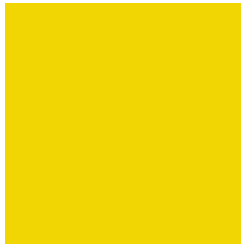
33.8900, -65.1140, 45.7180



10.4930, -19.9010, 13.7550

Previews

White Background



This preview shows how the YIQ color 198.3180, 84.4190, -59.6850 looks on a white background.

Color Contrast Check

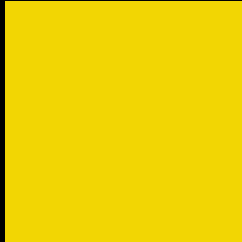
Large Text (above 18pt) WCAG AA × Fail

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 198.3180, 84.4190, -59.6850 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 198.3180, 84.4190, -59.6850

Background



This preview shows how black text looks on a background with the YIQ color 198.3180, 84.4190, -59.6850.



This preview shows how white text looks on a background with the YIQ color 198.3180, 84.4190,

-59.6850.

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

198.3180, 84.4190, -59.6850

Protanopia

198.1330, 83.5020, -59.5860

Deuteranopia

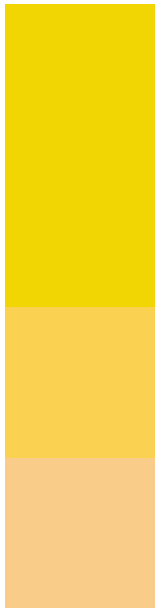
211.3030, 55.5260, -15.1140



Tritanopia

217.1550, 27.9650, 16.3250

Trichromacy



Original Color

198.3180, 84.4190, -59.6850

Protanomaly

198.1330, 83.5020, -59.5860

Deuteranomaly

206.5530, 65.8450, -31.4270

Tritanomaly

210.1160, 48.9230, -11.0850

Monochromacy



Original Color

198.3180, 84.4190, -59.6850

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.2120, 30.6770, -21.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.3180, 84.4190, -59.6850 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(242, 214, 3)` looks like.

```
.text, #text, p{  
    color:rgb(242, 214, 3)  
}
```

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(242, 214, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 214, 3) }
```

Border

The CSS property to change the border of an element to YIQ 198.3180, 84.4190, -59.6850 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(242, 214, 3) }
```


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

```
.border{ border-color:rgb(242, 214, 3) }
```

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

Here you see how a box with a 4 pixel rgb(242, 214, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 214, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 214, 3);  
box-shadow:4px 4px 4px 4px rgb(242, 214,  
3) }
```

Background

The CSS property to change the background color of an element to YIQ 198.3180, 84.4190, -59.6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 214, 3) }
```

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

```
.background{ background-color: rgb(242,  
214, 3) }
```

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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