

Converting Colors

YIQ(210.5150, 59.8400,
-38.2400)

Have a look what the booklet for
YIQ(210.5150, 59.8400, -38.2400)
contains.

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Color

**YIQ(210.5150, 59.8400,
-38.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DB4F
RGB	244, 219, 79
RGB Percent	96%, 86%, 31%
CMY	0.0432, 0.1412, 0.6898
CMYK	0.00, 0.10, 0.68, 0.04
HSL	51°, 88%, 63%
HSV	51°, 68%, 96%
XYZ	64.0490, 70.4550, 17.6374
YIQ	210.5150, 59.8400, -38.2400

Conversions

Conversions Part 2

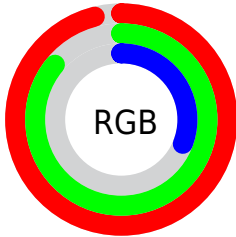
Format	Color
RYB	108, 244, 79
Decimal	16046927
CIELab	87.22, -6.55, 68.94
CIELCh	87, 69.252, 95.431
Yxy	70.4550, 0.4210, 0.4631
Android (android.graphics.Color)	4294237007 (0xFFFF4DB4F)
YUV	210.5150, -64.8369, 29.3663
Hunter-Lab	83.9375, -10.6852, 46.2979

Details

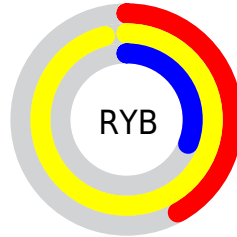
The YIQ color $210.5150, 59.8400, -38.2400$ is a light color, and the websafe version is hex `CCCC33`. The color can be described as light washed yellow. A complement of this color would be $112.4850, -59.8400, 38.2400$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $241.3200, 38.5200, -37.3200$, and $152.3100, 61.6750, -43.9650$ is the 20% darker color. If you saturate the color by 10%, you get $205.4310, 68.6440, -43.6120$, and if you desaturate by 10%, it is $215.5990, 51.0360, -32.8680$.

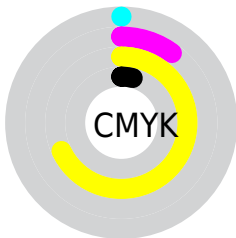
Distribution



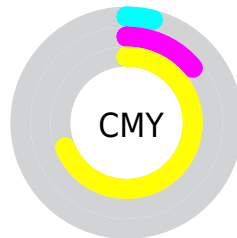
- Red (96%)
- Green (86%)
- Blue (31%)



- Red (42%)
- Yellow (96%)
- Blue (31%)



- Cyan (0%)
- Magenta (10%)
- Yellow (68%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.5150, 59.8400, -38.2400 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 210.5150, 59.8400, -38.2400 by changing the saturation by 10% instead.

210.5150, 59.8400,
-38.2400

210.5150, 59.8400,
-38.2400

255.0000, -0.0000,
-0.0000

181.8030, 58.9690,
-38.9750

241.3200, 38.5200,
-37.3200

152.3100, 61.6750,
-43.9650

244.5120, 29.5320,
-28.6120

127.3510, 54.4300,
-39.3140

247.7040, 20.5440,
-19.9040

104.0050, 44.0210,
-32.3870

251.0100, 11.2350,
-10.8850

81.8440, 34.5290,
-25.5590

254.4300, 1.6050,
-1.5550

59.9710, 24.1660,
-19.4660

39.2830, 14.7200,

-13.4720

■ 20.0680, 5.3200,
-8.3120

■ 0.0000, 0.0000,
0.0000

■ 210.5150, 59.8400,
-38.2400

■ 210.5150, 59.8400,
-38.2400

■ 205.4310, 68.6440,
-43.6120

■ 215.5990, 51.0360,
-32.8680

■ 200.8200, 77.4940,
-49.8180

■ 220.2100, 42.1860,
-26.6620

■ 195.7360, 86.2980,
-55.1900

■ 225.2940, 33.3820,
-21.2900

■ 194.4650, 88.4990,
-56.5330

■ 230.4920, 24.2570,
-15.6070

■ 234.9890, 15.7280,
-9.7120

■ 240.0730, 6.9240,
-4.3400

■ 245.2710, -2.2010,
1.3430

■ 248.1890, -4.9060,
0.8060

■ 249.9500, -5.7310,
-0.7630

Harmonies

Analogous

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



201.7680, 67.2180, -17.7580



210.5150, 59.8400, -38.2400



203.4140, 5.4200, -54.1960

Triad

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



210.5150, 59.8400, -38.2400



175.2330, -150.3300, -50.9220



205.6920, 23.1000, 43.9320

Complementary

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



210.5150, 59.8400, -38.2400



112.4850, -59.8400, 38.2400

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.



215.2840, 6.0930, 27.2530



210.5150, 59.8400, -38.2400



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.



210.5150, 59.8400, -38.2400



173.4430, -142.5340, -60.0540



192.8720, -76.1530, -13.0570



193.9910, 40.8910, 35.3790

Rectangle

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



210.5150, 59.8400, -38.2400



193.9860, -43.2250, -59.1690



192.8720, -76.1530, -13.0570



209.8010, 21.1750, 40.2710

Sweetspot

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



210.5150, 59.8400, -38.2400



244.4900, 18.5710, -11.6770



131.5270, 89.3520, 43.6880



121.5310, 11.3260, -7.0260



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.



210.5150, 59.8400, -38.2400



213.2050, 74.9720, -48.1640



208.7450, 20.1850, -62.9750



120.0450, 4.1270, -3.2090



148.3600, 67.4060, -43.2020



46.9910, 21.4140, -13.6420

Inverse Universe

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



112.4850, -59.8400, 38.2400



90.3820, -75.2470, 47.6410



114.2550, -20.1850, 62.9750



112.5420, -4.4020, 2.6860



37.6400, -67.4060, 43.2020



12.0090, -21.4140, 13.6420

Previews

White Background



This preview shows how the YIQ color 210.5150, 59.8400, -38.2400 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 210.5150, 59.8400, -38.2400 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 210.5150, 59.8400, -38.2400

Background



This preview shows how black text looks on a background with the YIQ color 210.5150, 59.8400, -38.2400.



This preview shows how white text looks on a background with the YIQ color 210.5150, 59.8400, -38.2400.

-38.2400.

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

210.5150, 59.8400, -38.2400

Protanopia

210.5150, 59.8400, -38.2400

Deuteranopia

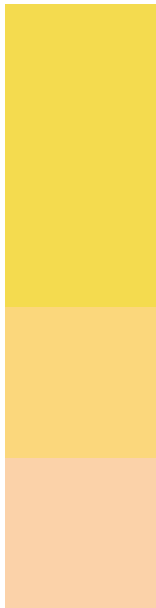
217.6750, 45.8510, -10.4770



Tritanopia

221.7740, 24.6640, 15.5760

Trichromacy



Original Color

210.5150, 59.8400, -38.2400

Protanomaly

210.5150, 59.8400, -38.2400

Deuteranomaly

215.3900, 50.6670, -20.6690

Tritanomaly

217.5850, 37.5970, -4.0590

Monochromacy



Original Color

210.5150, 59.8400, -38.2400

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.8770, 21.7350, -13.9530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.5150, 59.8400, -38.2400 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(244, 219, 79)` looks like.

```
.text, #text, p{  
    color:rgb(244, 219, 79)  
}
```

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(244, 219, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 219, 79) }
```

Border

The CSS property to change the border of an element to YIQ 210.5150, 59.8400, -38.2400 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(244, 219, 79) }
```


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

```
.border{ border-color:rgb(244, 219, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 219, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 219, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 219, 79);  
box-shadow:4px 4px 4px 4px rgb(244, 219,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 210.5150, 59.8400, -38.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 219, 79) }
```

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

```
.background{ background-color: rgb(244,  
219, 79) }
```

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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