

Converting Colors

YIQ(212.6170, 59.7930,
-31.8790)

Have a look what the booklet for
YIQ(212.6170, 59.7930, -31.8790)
contains.

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Color

**YIQ(212.6170, 59.7930,
-31.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD95C
RGB	250, 217, 92
RGB Percent	98%, 85%, 36%
CMY	0.0196, 0.1490, 0.6389
CMYK	0.00, 0.13, 0.63, 0.02
HSL	47°, 94%, 67%
HSV	47°, 63%, 98%
XYZ	66.1691, 70.7166, 20.3069
YIQ	212.6170, 59.7930, -31.8790

Conversions

Conversions Part 2

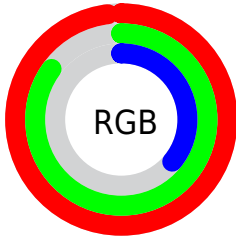
Format	Color
RYB	134, 250, 92
Decimal	16439644
CIELab	87.35, -2.32, 63.92
CIELCh	87, 63.959, 92.079
Yxy	70.7166, 0.4209, 0.4499
Android (android.graphics.Color)	4294629724 (0xFFFA95C)
YUV	212.6170, -59.4642, 32.7849
Hunter-Lab	84.0932, -6.7095, 44.5478

Details

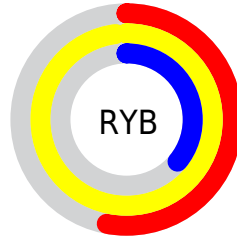
The YIQ color **212.6170, 59.7930, -31.8790** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **129.3830, -59.7930, 31.8790**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.6880, 34.6680, -33.5880**, and **155.8940, 57.4550, -33.5610** is the 20% darker color. If you saturate the color by 10%, you get **206.8320, 69.1930, -37.0390**, and if you desaturate by 10%, it is **218.4020, 50.3930, -26.7190**.

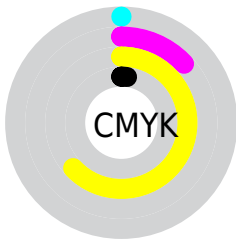
Distribution



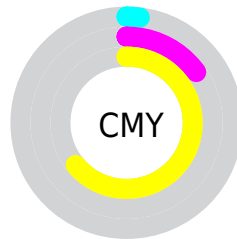
- Red (98%)
- Green (85%)
- Blue (36%)



- Red (53%)
- Yellow (98%)
- Blue (36%)



- Cyan (0%)
- Magenta (13%)
- Yellow (63%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.6170, 59.7930, -31.8790 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 212.6170, 59.7930, -31.8790 by changing the saturation by 10% instead.

212.6170, 59.7930,
-31.8790

212.6170, 59.7930,
-31.8790

255.0000, -0.0000,
-0.0000

184.1330, 58.2800,
-31.9920

242.6880, 34.6680,
-33.5880

155.8940, 57.4550,
-33.5610

245.8800, 25.6800,
-24.8800

127.9710, 58.5560,
-36.9960

249.0720, 16.6920,
-16.1720

104.6250, 48.1470,
-30.0690

252.3780, 7.3830,
-7.1530

82.4640, 38.6550,
-23.2410

60.5910, 28.2920,
-17.1480

40.4900, 18.5710,

-11.6770

■ 21.5740, 9.7670,
-6.3050

■ 0.0000, 0.0000,
0.0000

■ 212.6170, 59.7930,
-31.8790

■ 212.6170, 59.7930,
-31.8790

■ 206.8320, 69.1930,
-37.0390

■ 218.4020, 50.3930,
-26.7190

■ 201.0470, 78.5930,
-42.1990

■ 224.1870, 40.9930,
-21.5590

■ 194.6750, 88.2680,
-46.8360

■ 230.5590, 31.3180,
-16.9220

■ 190.9760, 94.5500,
-50.5540

■ 236.3440, 21.9180,
-11.7620

■ 242.1290, 12.5180,
-6.6020

■ 247.9140, 3.1180,
-1.4420

■ 252.9180, -2.7050,
-0.5370

■ 253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



203.3640, 62.7240, -13.4040



212.6170, 59.7930, -31.8790



206.2240, 12.0670, -48.0050

Triad

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



212.6170, 59.7930, -31.8790



174.6460, -150.0550, -50.3990



209.8010, 21.1750, 40.2710

Complementary

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



212.6170, 59.7930, -31.8790



129.3830, -59.7930, 31.8790

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.



215.2290, -1.2420, 22.5180



212.6170, 59.7930, -31.8790



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.



212.6170, 59.7930, -31.8790



171.3570, -139.4160, -61.4960



194.0460, -76.7030, -14.1030



198.4250, 36.6730, 34.7290

Rectangle

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



212.6170, 59.7930, -31.8790



199.0910, -30.1590, -53.6710



194.0460, -76.7030, -14.1030



213.9100, 19.2500, 36.6100

Sweetspot

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



212.6170, 59.7930, -31.8790



243.6580, 18.1580, -9.6980



143.1180, 83.2540, 44.0700



120.4710, 11.5550, -5.6690



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.



212.6170, 59.7930, -31.8790



208.8170, 73.5490, -38.8910



218.5330, 23.8980, -58.6780



121.7570, 4.9980, -2.4740



143.9740, 71.6690, -37.8590



46.4150, 23.1560, -12.1720

Inverse Universe

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



129.3830, -59.7930, 31.8790



107.1830, -73.5490, 38.8910



123.4670, -23.8980, 58.6780



115.2430, -4.9980, 2.4740



44.4390, -71.3940, 38.3820



14.5850, -23.1560, 12.1720

Previews

White Background



This preview shows how the YIQ color 212.6170, 59.7930, -31.8790 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 212.6170, 59.7930, -31.8790 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 212.6170, 59.7930, -31.8790

Background



This preview shows how black text looks on a background with the YIQ color 212.6170, 59.7930, -31.8790.



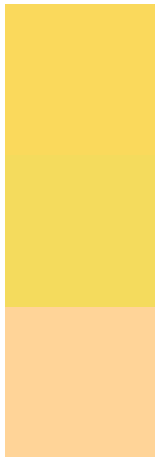
This preview shows how white text looks on a background with the YIQ color 212.6170, 59.7930, -31.8790.

-31.8790.

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

212.6170, 59.7930, -31.8790

Protanopia

212.1110, 55.3460, -33.8860

Deuteranopia

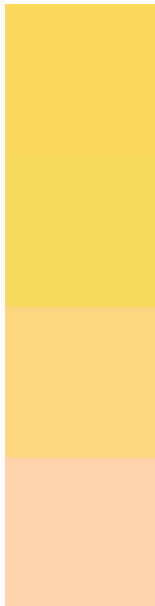
218.0170, 44.8880, -9.5440



Tritanopia

222.1330, 25.0310, 14.4310

Trichromacy



Original Color

212.6170, 59.7930, -31.8790

Protanomaly

212.1220, 56.8130, -32.9390

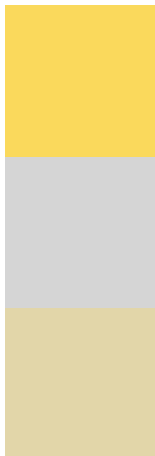
Deuteranomaly

216.0850, 50.2080, -17.8560

Tritanomaly

218.6390, 37.5050, -2.3910

Monochromacy



Original Color

212.6170, 59.7930, -31.8790

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.4580, 21.5970, -11.4510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.6170, 59.7930, -31.8790 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(250, 217, 92)` looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 92)  
}
```

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(250, 217, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 92) }
```

Border

The CSS property to change the border of an element to YIQ 212.6170, 59.7930, -31.8790 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(250, 217, 92) }
```


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

```
.border{ border-color:rgb(250, 217, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 217, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 92);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 212.6170, 59.7930, -31.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 92) }
```

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

```
.background{ background-color: rgb(250,  
217, 92) }
```

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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