

Converting Colors

YIQ(193.1150, 58.6910,
-22.9170)

Have a look what the booklet for
YIQ(193.1150, 58.6910, -22.9170)
contains.

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Color

**YIQ(193.1150, 58.6910,
-22.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC059
RGB	235, 192, 89
RGB Percent	92%, 75%, 35%
CMY	0.0784, 0.2471, 0.6507
CMYK	0.00, 0.18, 0.62, 0.08
HSL	42°, 78%, 64%
HSV	42°, 62%, 92%
XYZ	54.9163, 56.0776, 17.3984
YIQ	193.1150, 58.6910, -22.9170

Conversions

Conversions Part 2

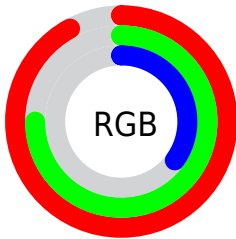
Format	Color
RYB	150, 235, 89
Decimal	15450201
CIELab	79.66, 4.13, 56.40
CIElCh	80, 56.549, 85.816
Yxy	56.0776, 0.4277, 0.4368
Android (android.graphics.Color)	4293640281 (0xFFEBC059)
YUV	193.1150, -51.3287, 36.7331
Hunter-Lab	74.8850, -0.1473, 38.6444

Details

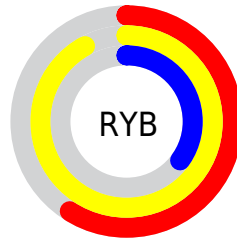
The YIQ color **193.1150, 58.6910, -22.9170** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **130.8850, -58.6910, 22.9170**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.0090, 38.1980, -31.4820**, and **138.2070, 55.4360, -24.5000** is the 20% darker color. If you saturate the color by 10%, you get **186.3840, 67.9990, -26.4090**, and if you desaturate by 10%, it is **199.9600, 49.0620, -19.1140**.

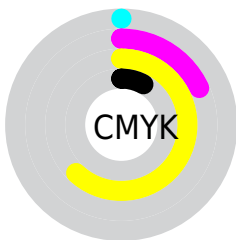
Distribution



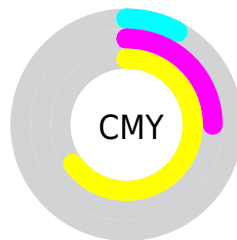
- Red (92%)
- Green (75%)
- Blue (35%)



- Red (59%)
- Yellow (92%)
- Blue (35%)



- Cyan (0%)
- Magenta (18%)
- Yellow (62%)
- Black (8%)



- Cyan (8%)
- Magenta (25%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.1150, 58.6910, -22.9170 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 193.1150, 58.6910, -22.9170 by changing the saturation by 10% instead.

193.1150, 58.6910,
-22.9170

193.1150, 58.6910,
-22.9170

255.0000, -0.0000,
-0.0000

165.3320, 56.5820,
-23.2420

238.0090, 38.1980,
-31.4820

138.2070, 55.4360,
-24.5000

245.3100, 27.2850,
-26.4350

110.8710, 56.2620,
-28.4580

248.5020, 18.2970,
-17.7270

87.8240, 46.4490,
-21.3190

251.8080, 8.9880,
-8.7080

66.2500, 36.6820,
-15.0140

45.2630, 26.6400,
-9.2320

25.7490, 16.6440,

-4.2840

■ 2.0930, 4.1720,
1.4840

■ 0.0000, 0.0000,
0.0000

■ 193.1150, 58.6910,
-22.9170

■ 193.1150, 58.6910,
-22.9170

■ 186.3840, 67.9990,
-26.4090

■ 199.9600, 49.0620,
-19.1140

■ 179.5390, 77.6280,
-30.2120


■ 206.6910, 39.7540,
-15.6220

■ 172.8080, 86.9360,
-33.7040


■ 213.5360, 30.1250,
-11.8190


■ 167.7070, 94.4100,
-36.9980


■ 220.2670, 20.8170,
-8.3270

 227.1120, 11.1880,
-4.5240

 233.8430, 1.8800,
-1.0320

 240.1010, -7.4740,
3.2940

 244.3240, -9.7200,
-0.0560

 248.4330,
-11.6450, -3.7170

Harmonies

Analogous

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



190.4500, 68.7740, -1.8980



193.1150, 58.6910, -22.9170



188.0990, 20.0890, -39.1990

Triad

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



193.1150, 58.6910, -22.9170



159.0760, -139.2820, -41.8900



202.7570, 24.4750, 46.5470

Complementary

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



193.1150, 58.6910, -22.9170



130.8850, -58.6910, 22.9170

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.



195.3500, -20.6360, 21.5720



193.1150, 58.6910, -22.9170



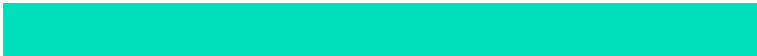
157.0360, -141.8050, -34.7090

Square

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



193.1150, 58.6910, -22.9170



152.9200, -121.9480, -58.6840



173.0260, -91.1460, -11.1620



189.6540, 43.4580, 38.4180

Rectangle

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



193.1150, 58.6910, -22.9170



183.0440, -13.6090, -45.2330



173.0260, -91.1460, -11.1620



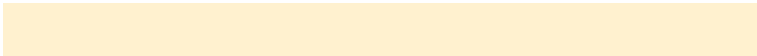
201.4840, 11.8220, 39.0700

Sweetspot

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



193.1150, 58.6910, -22.9170



241.3100, 19.2580, -7.6060



137.6700, 72.8920, 44.6360



119.2970, 12.1050, -4.6230



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.



193.1150, 58.6910, -22.9170



200.3540, 76.7110, -30.1130



209.6850, 29.5820, -51.5540



113.9850, 4.3560, -1.8520



129.2550, 72.6760, -28.5720



38.4520, 21.7340, -8.4260

Inverse Universe

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



130.8850, -58.6910, 22.9170



118.6460, -76.7110, 30.1130



114.3150, -29.5820, 51.5540



109.0150, -4.3560, 1.8520



51.7450, -72.6760, 28.5720



15.5480, -21.7340, 8.4260

Previews

White Background



This preview shows how the YIQ color 193.1150, 58.6910, -22.9170 looks on a white background.

Color Contrast Check

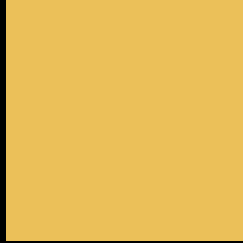
Large Text (above 18pt) WCAG AA × Fail

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 193.1150, 58.6910, -22.9170 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 193.1150, 58.6910, -22.9170

Background



This preview shows how black text looks on a background with the YIQ color 193.1150, 58.6910, -22.9170.



This preview shows how white text looks on a background with the YIQ color 193.1150, 58.6910,

-22.9170.

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

193.1150, 58.6910, -22.9170

Protanopia

192.0810, 46.8630, -28.8250

Deuteranopia

193.5720, 64.8340, -18.6060



Tritanopia

201.4330, 33.0540, 17.7100

Trichromacy



Original Color

193.1150, 58.6910, -22.9170

Protanomaly

192.5870, 51.3100, -26.8180

Deuteranomaly

193.2620, 62.7710, -19.7650

Tritanomaly

198.4380, 42.6850, 2.8530

Monochromacy



Original Color

193.1150, 58.6910, -22.9170

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.1530, 21.1380, -8.6380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.1150, 58.6910, -22.9170 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(235, 192, 89)` looks like.

```
.text, #text, p{  
    color:rgb(235, 192, 89)  
}
```

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(235, 192, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 192, 89) }
```

Border

The CSS property to change the border of an element to YIQ 193.1150, 58.6910, -22.9170 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(235, 192, 89) }
```


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

```
.border{ border-color:rgb(235, 192, 89) }
```

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

Here you see how a box with a 4 pixel rgb(235, 192, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 192, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 192, 89);  
box-shadow:4px 4px 4px 4px rgb(235, 192,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 193.1150, 58.6910, -22.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 192, 89) }
```

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

```
.background{ background-color: rgb(235,  
192, 89) }
```

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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