

Converting Colors

YIQ(209.8890, 63.8780,
-56.3620)

Have a look what the booklet for
YIQ(209.8890, 63.8780, -56.3620)
contains.

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Color

**YIQ(209.8890, 63.8780,
-56.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE52B
RGB	236, 229, 43
RGB Percent	93%, 90%, 17%
CMY	0.0746, 0.1019, 0.8309
CMYK	0.00, 0.03, 0.82, 0.07
HSL	58°, 84%, 55%
HSV	58°, 82%, 93%
XYZ	63.0399, 74.0404, 13.2639
YIQ	209.8890, 63.8780, -56.3620

Conversions

Conversions Part 2

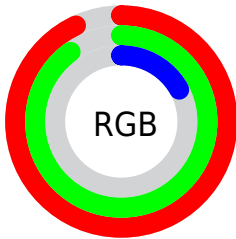
Format	Color
R _{YB}	50, 236, 43
Decimal	15525163
CIE Lab	88.94, -16.29, 81.79
CIE LCh	89, 83.396, 101.265
Yxy	74.0404, 0.4193, 0.4925
Android (android.graphics.Color)	4293715243 (0xFFECE52B)
YUV	209.8890, -82.2763, 22.8993
Hunter-Lab	86.0467, -19.8083, 51.0933

Details

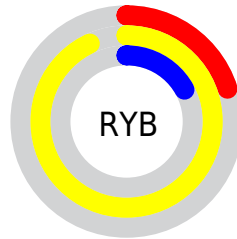
The YIQ color **209.8890, 63.8780, -56.3620** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **69.1110, -63.8780, 56.3620**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **238.2420, 47.1870, -45.7170**, and **154.7620, 57.0460, -53.6900** is the 20% darker color. If you saturate the color by 10%, you get **206.6800, 71.5360, -62.9920**, and if you desaturate by 10%, it is **213.2120, 55.8990, -49.4210**.

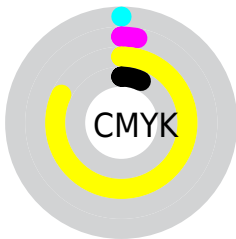
Distribution



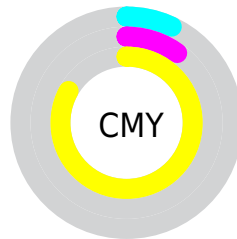
- Red (93%)
- Green (90%)
- Blue (17%)



- Red (20%)
- Yellow (93%)
- Blue (17%)



- Cyan (0%)
- Magenta (3%)
- Yellow (82%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.8890, 63.8780, -56.3620 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 209.8890, 63.8780, -56.3620 by changing the saturation by 10% instead.

■ 209.8890, 63.8780,
-56.3620

■ 209.8890, 63.8780,
-56.3620

■ 255.0000, -0.0000,
-0.0000

■ 179.5810, 67.5010,
-61.4510

■ 238.2420, 47.1870,
-45.7170

■ 154.7620, 57.0460,
-53.6900

■ 241.5480, 37.8780,
-36.6980

■ 129.9430, 46.5910,
-45.9290

■ 244.8540, 28.5690,
-27.6790

■ 106.8960, 36.7780,
-38.7900

■ 248.1600, 19.2600,
-18.6600

■ 83.5500, 26.3690,
-31.8630

■ 251.5800, 9.6300,
-9.3300

■ 61.9760, 16.6020,
-25.5580

■ 40.7010, 7.4310,

-19.0410

■ 20.5890, -3.7570,
-14.5170

■ 0.0000, 0.0000,
0.0000

■ 209.8890, 63.8780,
-56.3620

■ 209.8890, 63.8780,
-56.3620

■ 206.6800, 71.5360,
-62.9920

■ 213.2120, 55.8990,
-49.4210

■ 203.8130, 78.2310,
-68.6890

■ 216.4210, 48.2410,
-42.7910

■ 219.7440, 40.2620,
-35.8500

■ 222.4800, 32.5580,
-28.3860

■ 225.6890, 24.9000,
-21.7560

■ 229.0120, 16.9210,
-14.8150

■ 232.2210, 9.2630,
-8.1850

■ 235.5440, 1.2840,
-1.2440

■ 238.7530, -6.3740,
5.3860

Harmonies

Analogous

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



201.3000, 76.8030, -31.7810



209.8890, 63.8780, -56.3620



200.6580, -10.4870, -68.7830

Triad

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



209.8890, 63.8780, -56.3620



178.7550, -151.9800, -54.0600



196.8870, 27.2250, 51.7770

Complementary

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



209.8890, 63.8780, -56.3620



69.1110, -63.8780, 56.3620

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.



216.2580, 18.1500, 34.5180



209.8890, 63.8780, -56.3620



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.



209.8890, 63.8780, -56.3620



178.4130, -151.0170, -54.9930



193.4700, -74.9610, -12.6330



184.9920, 48.3180, 38.4460

Rectangle

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



209.8890, 63.8780, -56.3620



176.1530, -95.7640, -81.6840



193.4700, -74.9610, -12.6330



202.7570, 24.4750, 46.5470

Sweetspot

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



209.8890, 63.8780, -56.3620



246.5300, 21.0940, -18.8580



101.8470, 111.8180, 44.0260



122.3800, 13.0690, -11.0830



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.



209.8890, 63.8780, -56.3620



221.2170, 82.7250, -73.0430



187.9850, 10.1010, -78.4670



115.7460, 3.5310, -3.4210



156.8440, 59.7510, -53.1530



46.6700, 17.8840, -15.7480

Inverse Universe

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



69.1110, -63.8780, 56.3620



38.7830, -82.7250, 73.0430



91.0150, -10.1010, 78.4670



107.2540, -3.5310, 3.4210



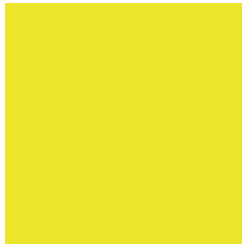
24.7430, -60.0260, 52.6300



7.3300, -17.8840, 15.7480

Previews

White Background



This preview shows how the YIQ color 209.8890, 63.8780, -56.3620 looks on a white background.

Color Contrast Check

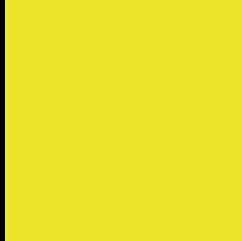
Large Text (above 18pt) WCAG AA × Fail

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 209.8890, 63.8780, -56.3620 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 209.8890, 63.8780, -56.3620

Background



This preview shows how black text looks on a background with the YIQ color 209.8890, 63.8780, -56.3620.



This preview shows how white text looks on a background with the YIQ color 209.8890, 63.8780,

-56.3620.

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

209.8890, 63.8780, -56.3620

Protanopia

211.3250, 74.5140, -50.8780

Deuteranopia

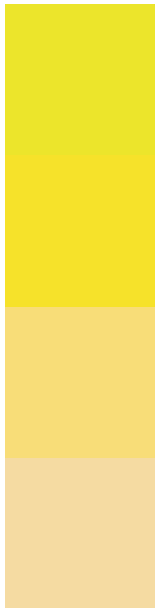
222.3200, 39.6610, -8.4270



Tritanopia

226.0010, 16.5950, 13.1310

Trichromacy



Original Color

209.8890, 63.8780, -56.3620

Protanomaly

211.0040, 70.9840, -52.9840

Deuteranomaly

217.5590, 48.5130, -25.6870

Tritanomaly

220.2760, 33.7930, -12.2150

Monochromacy



Original Color

209.8890, 63.8780, -56.3620

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.8460, 23.0200, -20.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.8890, 63.8780, -56.3620 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(236, 229, 43)` looks like.

```
.text, #text, p{  
    color:rgb(236, 229, 43)  
}
```

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(236, 229, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 229, 43) }
```

Border

The CSS property to change the border of an element to YIQ 209.8890, 63.8780, -56.3620 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(236, 229, 43) }
```


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

```
.border{ border-color:rgb(236, 229, 43) }
```

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

Here you see how a box with a 4 pixel rgb(236, 229, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 229, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 229, 43);  
box-shadow:4px 4px 4px 4px rgb(236, 229,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 209.8890, 63.8780, -56.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 229, 43) }
```

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

```
.background{ background-color: rgb(236,  
229, 43) }
```

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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