

Converting Colors

YIQ(204.5850, 52.5100,
-70.6100)

Have a look what the booklet for
YIQ(204.5850, 52.5100, -70.6100)
contains.

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Color

**YIQ(204.5850, 52.5100,
-70.6100)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EC1A
RGB	211, 236, 26
RGB Percent	83%, 93%, 10%
CMY	0.1727, 0.0744, 0.8976
CMYK	0.11, 0.00, 0.89, 0.07
HSL	67°, 85%, 51%
HSV	67°, 89%, 93%
XYZ	57.0359, 73.9134, 12.2434
YIQ	204.5850, 52.5100, -70.6100

Conversions

Conversions Part 2

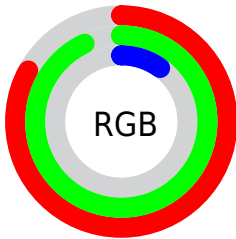
Format	Color
R _{YB}	26, 236, 51
Decimal	13888538
CIE _{Lab}	88.88, -30.34, 84.30
CIE _{LCh}	89, 89.591, 109.795
Yxy	73.9134, 0.3983, 0.5162
Android (android.graphics.Color)	4292078618 (0xFFD3EC1A)
YUV	204.5850, -88.0424, 5.6260
Hunter-Lab	85.9729, -32.0325, 51.7375

Details

The YIQ color **204.5850, 52.5100, -70.6100** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **57.4150, -52.5100, 70.6100**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.2160, 50.0760, -48.5160**, and **151.1080, 41.0920, -61.9160** is the 20% darker color. If you saturate the color by 10%, you get **201.0660, 58.1050, -78.3990**, and if you desaturate by 10%, it is **208.2180, 46.5940, -62.5100**.

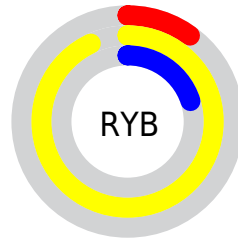
Distribution



Red (83%)

Green (93%)

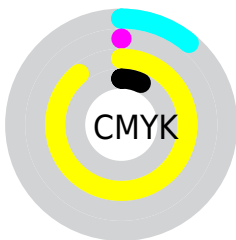
Blue (10%)



Red (10%)

Yellow (93%)

Blue (20%)

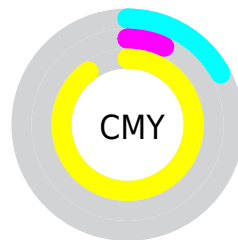


Cyan (11%)

Magenta (0%)

Yellow (89%)

Black (7%)



Cyan (17%)

Magenta (7%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.5850, 52.5100, -70.6100 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 204.5850, 52.5100, -70.6100 by changing the saturation by 10% instead.

■ 204.5850, 52.5100,
-70.6100

■ 204.5850, 52.5100,
-70.6100

■ 255.0000, -0.0000,
-0.0000

■ 176.2150, 50.6760,
-70.4120

■ 237.2160, 50.0760,
-48.5160

■ 151.1080, 41.0920,
-61.9160

■ 240.6360, 40.4460,
-39.1860

■ 127.1750, 30.9580,
-54.4660

■ 243.9420, 31.1370,
-30.1670

■ 103.2420, 20.8240,
-47.0160

■ 247.3620, 21.5070,
-20.8370

■ 79.3090, 10.6900,
-39.5660

■ 250.7820, 11.8770,
-11.5070

■ 56.5500, 0.0060,
-33.1620

■ 254.2020, 2.2470,

■ 33.1820, -13.3370,

-2.1770

-28.1290

■ 20.5450, -9.6250,
-18.3050

■ 0.0000, 0.0000,
0.0000

■ 204.5850, 52.5100,
-70.6100

■ 204.5850, 52.5100,
-70.6100

■ 201.0660, 58.1050,
-78.3990

■ 208.2180, 46.5940,
-62.5100

■ 200.7240, 59.0680,
-79.3320

■ 211.7370, 40.9990,
-54.7210

■ 215.0710, 34.4870,
-46.8330

■ 218.7040, 28.5710,
-38.7330

■ 222.2230, 22.9760,
-30.9440

■ 225.8560, 17.0600,
-22.8440

■ 229.3750, 11.4650,
-15.0550

■ 232.7090, 4.9530,
-7.1670

■ 236.3420, -0.9630,
0.9330

Harmonies

Analogous

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



201.2080, 88.0850, -49.0270



204.5850, 52.5100, -70.6100



190.6800, -43.0840, -78.2520

Triad

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



204.5850, 52.5100, -70.6100



178.7550, -151.9800, -54.0600



188.0820, 31.3500, 59.6220

Complementary

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



204.5850, 52.5100, -70.6100



57.4150, -52.5100, 70.6100

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.



207.4530, 22.2750, 42.3630



204.5850, 52.5100, -70.6100



171.1240, -148.4050, -47.2610

Square

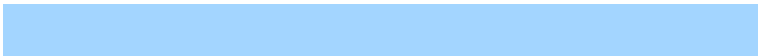
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204.5850, 52.5100, -70.6100



178.7550, -151.9800, -54.0600



202.8380, -43.2820, 2.4620



179.0930, 58.0390, 32.9750

Rectangle

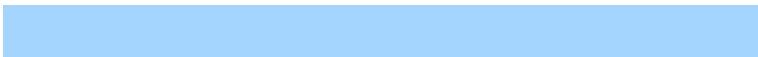
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204.5850, 52.5100, -70.6100



168.0390, -121.8060, -83.2940



202.8380, -43.2820, 2.4620



193.3650, 28.8750, 54.9150

Sweetspot

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



204.5850, 52.5100, -70.6100



244.7420, 17.3810, -23.1550



103.4650, 118.2850, 31.4450



121.8310, 10.1810, -13.8110



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.



204.5850, 52.5100, -70.6100



216.9600, 63.9750, -85.6650



173.4890, -9.4740, -92.6580



115.4470, 2.9350, -3.6330



153.7880, 44.9890, -60.9550



45.7510, 13.1620, -18.2780

Inverse Universe

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



57.4150, -52.5100, 70.6100



38.0400, -63.9750, 85.6650



88.8100, 10.0700, 92.8700



107.5530, -2.9350, 3.6330



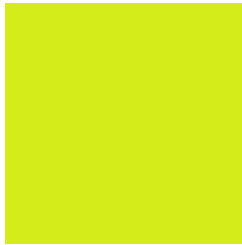
27.2120, -44.9890, 60.9550



7.9500, -13.7580, 18.0660

Previews

White Background



This preview shows how the YIQ color 204.5850, 52.5100, -70.6100 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 204.5850, 52.5100, -70.6100 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 204.5850, 52.5100, -70.6100

Background



This preview shows how black text looks on a background with the YIQ color 204.5850, 52.5100, -70.6100.



This preview shows how white text looks on a background with the YIQ color 204.5850, 52.5100, -70.6100.

-70.6100.

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

204.5850, 52.5100, -70.6100

Protanopia

208.3440, 81.5300, -56.8860

Deuteranopia

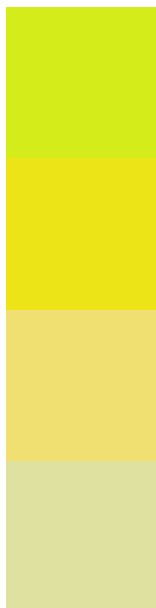
222.0920, 40.3030, -9.0490



Tritanopia

223.7430, -0.4140, 7.5060

Trichromacy



Original Color

204.5850, 52.5100, -70.6100

Protanomaly

207.0220, 70.5730, -62.0590

Deuteranomaly

215.8310, 44.5710, -31.3410

Tritanomaly

216.6930, 19.0770, -20.8510

Monochromacy



Original Color

204.5850, 52.5100, -70.6100

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.6450, 19.0320, -25.5440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.5850, 52.5100, -70.6100 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(211, 236, 26)` looks like.

```
.text, #text, p{  
    color:rgb(211, 236, 26)  
}
```

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(211, 236, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 236, 26) }
```

Border

The CSS property to change the border of an element to YIQ 204.5850, 52.5100, -70.6100 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(211, 236, 26) }
```


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

```
.border{ border-color:rgb(211, 236, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 236, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 236, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 236, 26);  
box-shadow:4px 4px 4px 4px rgb(211, 236,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 204.5850, 52.5100, -70.6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 236, 26) }
```

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

```
.background{ background-color: rgb(211,  
236, 26) }
```

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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