

Converting Colors

YIQ(186.3850, 74.2850,
-52.2350)

Have a look what the booklet for
YIQ(186.3850, 74.2850, -52.2350)
contains.

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Color

**YIQ(186.3850, 74.2850,
-52.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C80F
RGB	225, 200, 15
RGB Percent	88%, 78%, 6%
CMY	0.1177, 0.2157, 0.9407
CMYK	0.00, 0.11, 0.93, 0.12
HSL	53°, 87%, 47%
HSV	53°, 93%, 88%
XYZ	51.7857, 57.3435, 8.7951
YIQ	186.3850, 74.2850, -52.2350

Conversions

Conversions Part 2

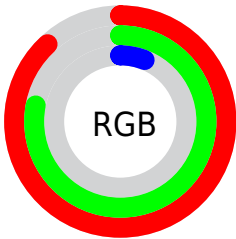
Format	Color
RYB	43, 225, 15
Decimal	14796815
CIELab	80.37, -7.02, 79.70
CIELCh	80, 80.013, 95.035
Yxy	57.3435, 0.4391, 0.4863
Android (android.graphics.Color)	4292986895 (0xFFE1C80F)
YUV	186.3850, -84.4928, 33.8654
Hunter-Lab	75.7255, -10.4506, 46.1216

Details

The YIQ color **186.3850, 74.2850, -52.2350** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **53.6150, -74.2850, 52.2350**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.0760, 53.2860, -51.6260**, and **135.6240, 57.9150, -41.9010** is the 20% darker color. If you saturate the color by 10%, you get **183.5010, 79.6500, -55.8540**, and if you desaturate by 10%, it is **190.7680, 66.0770, -46.6510**.

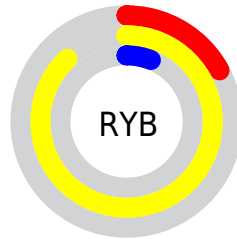
Distribution



Red (88%)

Green (78%)

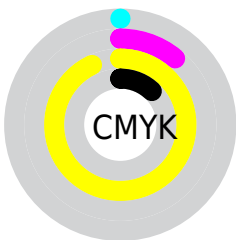
Blue (6%)



Red (17%)

Yellow (88%)

Blue (6%)

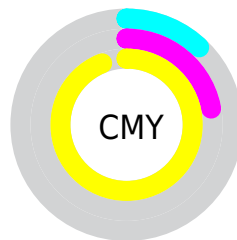


Cyan (0%)

Magenta (11%)

Yellow (93%)

Black (12%)



Cyan (12%)

Magenta (22%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.3850, 74.2850, -52.2350 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 186.3850, 74.2850, -52.2350 by changing the saturation by 10% instead.

186.3850, 74.2850,
-52.2350

186.3850, 74.2850,
-52.2350

255.0000, -0.0000,
-0.0000

159.8560, 68.6450,
-49.1390

236.0760, 53.2860,
-51.6260

135.6240, 57.9150,
-41.9010

239.3820, 43.9770,
-42.6070

111.6910, 47.7810,
-34.4510

242.6880, 34.6680,
-33.5880

88.9320, 37.0970,
-28.0470

245.9940, 25.3590,
-24.5690

66.4720, 27.0090,
-21.4310

249.3000, 16.0500,
-15.5500

45.7840, 17.5630,
-15.4370

252.7200, 6.4200,

25.9820, 8.4380,

-6.2200

-9.7540

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,
0.0000

■ 186.3850, 74.2850,
-52.2350

■ 186.3850, 74.2850,
-52.2350

■ 183.5010, 79.6500,
-55.8540

■ 190.7680, 66.0770,
-46.6510

■ 194.4500, 58.4650,
-40.8550

■ 198.8330, 50.2570,
-35.2710

■ 203.1020, 42.3700,
-29.9980

■ 206.8980, 34.4370,
-23.8910

■ 211.1670, 26.5500,
-18.6180

■ 215.5500, 18.3420,
-13.0340

■ 219.2320, 10.7300,
-7.2380

■ 223.6150, 2.5220,
-1.6540

Harmonies

Analogous

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



183.5930, 86.7040, -18.4800



186.3850, 74.2850, -52.2350



179.8020, 6.8430, -63.4690

Triad

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



186.3850, 74.2850, -52.2350



165.8410, -145.9300, -42.5540



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.



186.3850, 74.2850, -52.2350



53.6150, -74.2850, 52.2350

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.



196.0910, -0.3730, 34.3070



186.3850, 74.2850, -52.2350



160.5580, -143.4550, -37.8470

Square

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



186.3850, 74.2850, -52.2350



161.2980, -131.7600, -57.0720



148.8180, -137.9550, -27.3870



171.2800, 56.6150, 47.7750

Rectangle

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



186.3850, 74.2850, -52.2350



165.4090, -58.0780, -70.8300



148.8180, -137.9550, -27.3870



193.9520, 28.6000, 54.3920

Sweetspot

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



186.3850, 74.2850, -52.2350



241.6230, 25.2660, -17.3740



80.9820, 116.1720, 53.2280



119.4620, 15.7740, -10.5460



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.



186.3850, 74.2850, -52.2350



208.3200, 90.1050, -63.6150



178.0370, 21.5180, -81.6340



110.1590, 3.8060, -2.8980



143.6090, 62.2710, -43.7530



39.5930, 16.7830, -12.3130

Inverse Universe

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



53.6150, -74.2850, 52.2350



46.6800, -90.1050, 63.6150



61.9630, -21.5180, 81.6340



102.8410, -3.8060, 2.8980



32.3910, -62.2710, 43.7530



8.9940, -17.0580, 11.7900

Previews

White Background



This preview shows how the YIQ color 186.3850, 74.2850, -52.2350 looks on a white background.

Color Contrast Check

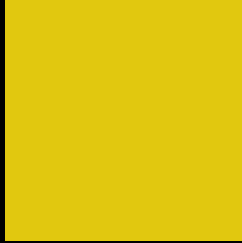
Large Text (above 18pt) WCAG AA × Fail

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 186.3850, 74.2850, -52.2350 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 186.3850, 74.2850, -52.2350

Background



This preview shows how black text looks on a background with the YIQ color 186.3850, 74.2850, -52.2350.



This preview shows how white text looks on a background with the YIQ color 186.3850, 74.2850, -52.2350.

-52.2350.

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

186.3850, 74.2850, -52.2350

Protanopia

186.3850, 74.2850, -52.2350

Deuteranopia

189.5970, 88.9080, -36.4040



Tritanopia

202.8450, 25.9020, 15.1660

Trichromacy



Original Color

186.3850, 74.2850, -52.2350

Protanomaly

186.3850, 74.2850, -52.2350

Deuteranomaly

188.3850, 83.4530, -42.1710

Tritanomaly

196.9460, 43.6500, -9.1340

Monochromacy



Original Color

186.3850, 74.2850, -52.2350

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.0530, 26.8710, -18.9290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.3850, 74.2850, -52.2350 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(225, 200, 15)` looks like.

```
.text, #text, p{  
    color:rgb(225, 200, 15)  
}
```

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(225, 200, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 200, 15) }
```

Border

The CSS property to change the border of an element to YIQ 186.3850, 74.2850, -52.2350 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(225, 200, 15) }
```


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

```
.border{ border-color:rgb(225, 200, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 200, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 200, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 200, 15);  
box-shadow:4px 4px 4px 4px rgb(225, 200,  
15) }
```

Background

The CSS property to change the background color of an element to YIQ 186.3850, 74.2850, -52.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 200, 15) }
```

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

```
.background{ background-color: rgb(225,  
200, 15) }
```

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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