

Converting Colors

YIQ(178.1740, 76.2570,
-54.9350)

Have a look what the booklet for
YIQ(178.1740, 76.2570, -54.9350)
contains.

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Color

**YIQ(178.1740, 76.2570,
-54.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C100
RGB	217, 193, 0
RGB Percent	85%, 76%, 0%
CMY	0.1491, 0.2432, 0.9995
CMYK	0.00, 0.11, 1.00, 0.15
HSL	53°, 100%, 43%
HSV	53°, 100%, 85%
XYZ	47.6787, 52.8847, 7.6981
YIQ	178.1740, 76.2570, -54.9350

Conversions

Conversions Part 2

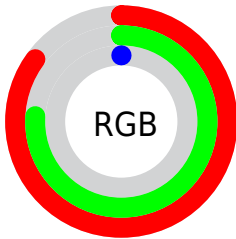
Format	Color
RYB	27, 217, 0
Decimal	14270720
CIELab	77.81, -7.06, 79.04
CIELCh	78, 79.351, 95.103
Yxy	52.8847, 0.4404, 0.4885
Android (android.graphics.Color)	4292460800 (0xFFD9C100)
YUV	178.1740, -87.8398, 34.0504
Hunter-Lab	72.7219, -10.2331, 44.6290

Details

The YIQ color **178.1740, 76.2570, -54.9350** 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 **38.8260, -76.2570, 54.9350**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.8700, 56.8620, -50.3540**, and **129.1230, 55.0720, -39.9360** is the 20% darker color. If you saturate the color by 10%, you get **178.1740, 76.2570, -54.9350**, and if you desaturate by 10%, it is **181.8560, 68.6450, -49.1390**.

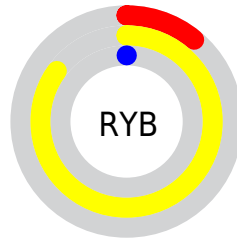
Distribution



Red (85%)

Green (76%)

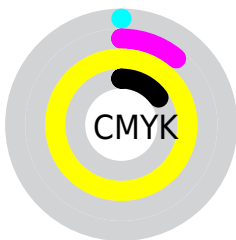
Blue (0%)



Red (11%)

Yellow (85%)

Blue (0%)

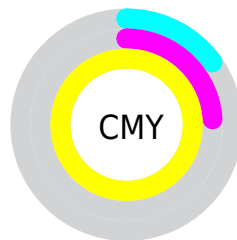


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.1740, 76.2570, -54.9350 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 178.1740, 76.2570, -54.9350 by changing the saturation by 10% instead.

■ 178.1740, 76.2570,
-54.9350

■ 178.1740, 76.2570,
-54.9350

■ 255.0000, -0.0000,
-0.0000

■ 153.3550, 65.8020,
-47.1740

■ 231.8700, 56.8620,
-50.3540

■ 129.1230, 55.0720,
-39.9360

■ 238.6980, 45.9030,
-44.4730

■ 105.7770, 44.6630,
-33.0090

■ 242.0040, 36.5940,
-35.4540

■ 83.3170, 34.5750,
-26.3930

■ 245.3100, 27.2850,
-26.4350

■ 60.8570, 24.4870,
-19.7770

■ 248.6160, 17.9760,
-17.4160

■ 40.7560, 14.7660,
-14.3060

■ 252.0360, 8.3460,

■ 20.9540, 5.6410,

-8.0860

-8.6230

■ 0.0000, 0.0000,
0.0000

■ 178.1740, 76.2570,
-54.9350

■ 181.8560, 68.6450,
-49.1390

■ 186.1250, 60.7580,
-43.8660

■ 189.6930, 53.4670,
-38.3810

■ 193.9620, 45.5800,
-33.1080

■ 197.6440, 37.9680,
-27.3120

■ 201.2120, 30.6770,
-21.8270

■ 205.4810, 22.7900,
-16.5540

■ 209.1630, 15.1780,
-10.7580

■ 213.3180, 7.6120,
-5.7960

Harmonies

Analogous

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



178.8000, 90.5550, -16.6850



178.1740, 76.2570, -54.9350



172.9160, 6.5220, -63.1580

Triad

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



178.1740, 76.2570, -54.9350



161.1450, -143.7300, -38.3700



183.9730, 33.2750, 63.2830

Complementary

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



178.1740, 76.2570, -54.9350



38.8260, -76.2570, 54.9350

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.



189.8890, -2.6200, 36.4840



178.1740, 76.2570, -54.9350



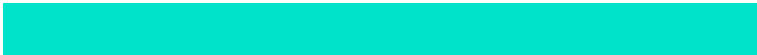
155.8620, -141.2550, -33.6630

Square

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



178.1740, 76.2570, -54.9350



156.3910, -127.5880, -55.5880



144.7090, -136.0300, -23.7260



166.3730, 60.7870, 49.2590

Rectangle

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



178.1740, 76.2570, -54.9350



158.2240, -58.9950, -70.7310



144.7090, -136.0300, -23.7260



189.8430, 30.5250, 58.0530

Sweetspot

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



178.1740, 76.2570, -54.9350



241.6400, 26.5960, -19.4520



67.7330, 121.3070, 53.7790



119.2340, 16.4160, -11.1680



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.



178.1740, 76.2570, -54.9350



209.4940, 89.5550, -64.6610



167.4450, 20.1890, -85.0830



107.5720, 4.0810, -2.3750



142.1250, 60.7580, -43.8660



37.8210, 16.1410, -11.6910

Inverse Universe

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



38.8260, -76.2570, 54.9350



45.5060, -89.5550, 64.6610



49.5550, -20.1890, 85.0830



100.8410, -3.8060, 2.8980



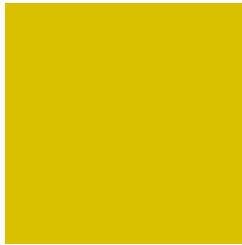
30.8750, -60.7580, 43.8660



8.1790, -16.1410, 11.6910

Previews

White Background



This preview shows how the YIQ color 178.1740, 76.2570, -54.9350 looks on a white background.

Color Contrast Check

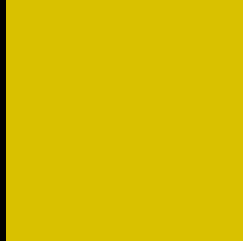
Large Text (above 18pt) WCAG AA × Fail

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 178.1740, 76.2570, -54.9350 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 178.1740, 76.2570, -54.9350

Background



This preview shows how black text looks on a background with the YIQ color 178.1740, 76.2570, -54.9350.



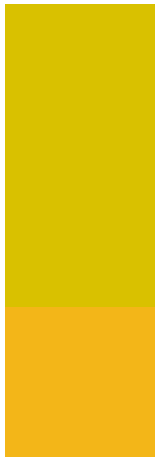
This preview shows how white text looks on a background with the YIQ color 178.1740, 76.2570,

-54.9350.

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

178.1740, 76.2570, -54.9350

Protanopia

178.1740, 76.2570, -54.9350

Deuteranopia

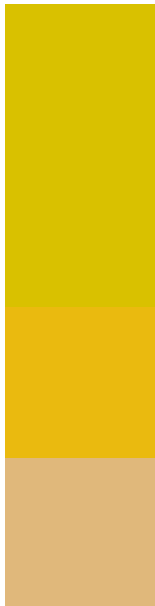
182.2270, 87.0740, -36.2060



Tritanopia

195.2470, 24.7100, 14.7420

Trichromacy



Original Color

178.1740, 76.2570, -54.9350

Protanomaly

178.1740, 76.2570, -54.9350

Deuteranomaly

180.8580, 83.4990, -43.0050

Tritanomaly

189.0060, 43.4210, -10.4910

Monochromacy



Original Color

178.1740, 76.2570, -54.9350

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.7110, 27.8340, -19.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.1740, 76.2570, -54.9350 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(217, 193, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 193, 0)  
}
```

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(217, 193, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 193, 0) }
```

Border

The CSS property to change the border of an element to YIQ 178.1740, 76.2570, -54.9350 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(217, 193, 0) }
```


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

```
.border{ border-color:rgb(217, 193, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 193, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 193, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 193, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 193,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 178.1740, 76.2570, -54.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 193, 0) }
```

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

```
.background{ background-color: rgb(217,  
193, 0) }
```

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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