

Converting Colors

YIQ(189.7400, 72.4480,
-35.4560)

Have a look what the booklet for
YIQ(189.7400, 72.4480, -35.4560)
contains.

YIQ(189.7400, 72.4480, -35.4560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(189.7400, 72.4480,
-35.4560)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC131
RGB	237, 193, 49
RGB Percent	93%, 76%, 19%
CMY	0.0706, 0.2432, 0.8074
CMYK	0.00, 0.19, 0.79, 0.07
HSL	46°, 84%, 56%
HSV	46°, 79%, 93%
XYZ	54.5487, 56.3594, 10.9204
YIQ	189.7400, 72.4480, -35.4560

Conversions

Conversions Part 2

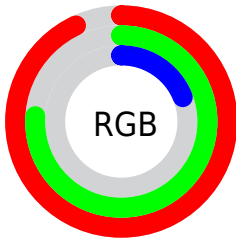
Format	Color
R_{YB}	106, 237, 49
Decimal	15581489
CIE _{Lab}	79.82, 2.51, 72.28
CIE _{LCh}	80, 72.324, 88.015
Yxy	56.3594, 0.4477, 0.4626
Android (android.graphics.Color)	4293771569 (0xFFEDC131)
YUV	189.7400, -69.3848, 41.4470
Hunter-Lab	75.0729, -1.6778, 43.9264

Details

The YIQ color **189.7400, 72.4480, -35.4560** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **96.2600, -72.4480, 35.4560**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.6060, 49.1580, -42.8900**, and **135.1030, 66.9920, -35.6960** is the 20% darker color. If you saturate the color by 10%, you get **183.4820, 81.8020, -39.7820**, and if you desaturate by 10%, it is **195.9980, 63.0940, -31.1300**.

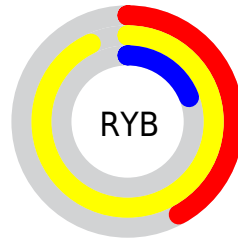
Distribution



Red (93%)

Green (76%)

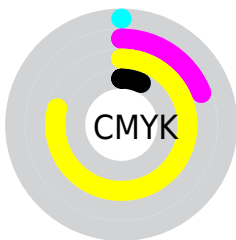
Blue (19%)



Red (42%)

Yellow (93%)

Blue (19%)

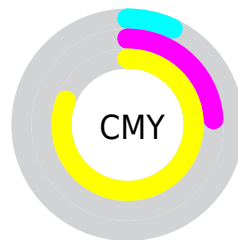


Cyan (0%)

Magenta (19%)

Yellow (79%)

Black (7%)



Cyan (7%)


Magenta (24%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.7400, 72.4480, -35.4560 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 189.7400, 72.4480, -35.4560 by changing the saturation by 10% instead.


 189.7400, 72.4480,
-35.4560


 189.7400, 72.4480,
-35.4560


255.0000, -0.0000,
-0.0000


 159.9050, 76.1170,
-41.3790


 234.6060, 49.1580,
-42.8900


 135.1030, 66.9920,
-35.6960


 241.3200, 38.5200,
-37.3200


 111.4580, 55.9870,
-28.9810


 244.6260, 29.2110,
-28.3010

 88.1120, 45.5780,
-22.0540

 247.8180, 20.2230,
-19.5930

 66.2390, 35.2150,
-15.9610

 251.1240, 10.9140,
-10.5740

 45.2520, 25.1730,
-10.1790

 254.5440, 1.2840,

 26.0370, 15.7730,

-1.2440

-5.0190

■ 1.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,
0.0000

■ 189.7400, 72.4480,
-35.4560

■ 189.7400, 72.4480,
-35.4560

■ 183.4820, 81.8020,
-39.7820

■ 195.9980, 63.0940,
-31.1300

■ 177.9250, 90.5600,
-44.3200

■ 201.6690, 54.0150,
-26.2810

■ 177.1100, 91.4770,
-44.4190

■ 207.8130, 44.9820,
-22.2660

■ 213.4840, 35.9030,
-17.4170

■ 219.7420, 26.5490,
-13.0910

■ 225.2990, 17.7910,
-8.5530

■ 231.5570, 8.4370,
-4.2270

■ 237.2280, -0.6420,
0.6220

■ 242.5740, -7.4280,
2.4600

Harmonies

Analogous

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



183.6220, 79.7330, -7.7790



189.7400, 72.4480, -35.4560



183.9120, 21.5130, -53.9990

Triad

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



189.7400, 72.4480, -35.4560



164.0800, -145.1050, -40.9850



195.1260, 28.0500, 53.3460

Complementary

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



189.7400, 72.4480, -35.4560



96.2600, -72.4480, 35.4560

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.



193.0130, -18.0690, 24.6110



189.7400, 72.4480, -35.4560



159.9710, -143.1800, -37.3240

Square

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



189.7400, 72.4480, -35.4560



156.7840, -124.5610, -60.8890



150.5790, -138.7800, -28.9560



178.8600, 49.0500, 47.2100

Rectangle

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



189.7400, 72.4480, -35.4560



175.4410, -25.5730, -59.6930



150.5790, -138.7800, -28.9560



199.8110, 24.3830, 48.2150

Sweetspot

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



189.7400, 72.4480, -35.4560



239.8280, 23.4310, -11.6490



110.5700, 96.9610, 54.4730



118.4990, 14.3520, -6.8000



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.



189.7400, 72.4480, -35.4560



193.9530, 93.3570, -45.4510



201.5150, 32.3360, -68.4320



114.5720, 4.0810, -2.3750



135.7120, 69.6510, -34.3250



40.2130, 20.9090, -9.9950

Inverse Universe

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



96.2600, -72.4480, 35.4560



73.4600, -93.0820, 45.9740



84.4850, -32.3360, 68.4320



108.4280, -4.0810, 2.3750



45.2880, -69.6510, 34.3250



13.7870, -20.9090, 9.9950

Previews

White Background



This preview shows how the YIQ color 189.7400, 72.4480, -35.4560 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 189.7400, 72.4480, -35.4560 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 189.7400, 72.4480, -35.4560

Background



This preview shows how black text looks on a background with the YIQ color 189.7400, 72.4480, -35.4560.



This preview shows how white text looks on a background with the YIQ color 189.7400, 72.4480,

-35.4560.

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

189.7400, 72.4480, -35.4560

Protanopia

188.4180, 61.4910, -40.6290

Deuteranopia

190.6210, 80.3330, -29.6750



Tritanopia

201.6290, 35.4380, 18.5580

Trichromacy



Original Color

189.7400, 72.4480, -35.4560

Protanomaly

188.6250, 65.3420, -38.8340

Deuteranomaly

190.4850, 77.7200, -31.8800

Tritanomaly

197.3260, 48.6920, -1.3880

Monochromacy



Original Color

189.7400, 72.4480, -35.4560

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.8560, 26.2280, -12.7800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.7400, 72.4480, -35.4560 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(237, 193, 49)` looks like.

```
.text, #text, p{  
    color:rgb(237, 193, 49)  
}
```

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(237, 193, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 193, 49) }
```

Border

The CSS property to change the border of an element to YIQ 189.7400, 72.4480, -35.4560 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(237, 193, 49) }
```


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

```
.border{ border-color:rgb(237, 193, 49) }
```

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

Here you see how a box with a 4 pixel rgb(237, 193, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 193, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 193, 49);  
box-shadow:4px 4px 4px 4px rgb(237, 193,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 189.7400, 72.4480, -35.4560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 193, 49) }
```

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

```
.background{ background-color: rgb(237,  
193, 49) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor