

Converting Colors

YIQ(177.7080, 92.6690,
-43.9950)

Have a look what the booklet for
YIQ(177.7080, 92.6690, -43.9950)
contains.

| | |
|--|----|
| YIQ(177.7080, 92.6690, -43.9950) | 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(177.7080, 92.6690,
-43.9950)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EFB500 |
| RGB | 239, 181, 0 |
| RGB Percent | 94%, 71%, 0% |
| CMY | 0.0627, 0.2903, 0.9994 |
| CMYK | 0.00, 0.24, 1.00, 0.06 |
| HSL | 45°, 100%, 47% |
| HSV | 45°, 100%, 94% |
| XYZ | 52.1183, 51.3898, 7.1760 |
| YIQ | 177.7080, 92.6690, -43.9950 |

Conversions

Conversions Part 2

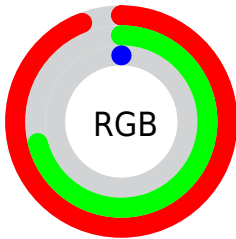
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 77, 239, 0 |
| Decimal | 15709440 |
| CIE _{Lab} | 76.91, 8.76, 79.41 |
| CIE _{LCh} | 77, 79.892, 83.709 |
| Yxy | 51.3898, 0.4709, 0.4643 |
| Android (android.graphics.Color) | 4293899520 (0xFFEFB500) |
| YUV | 177.7080, -87.6100, 53.7531 |
| Hunter-Lab | 71.6867, 4.3231, 44.2456 |

Details

The YIQ color **177.7080, 92.6690, -43.9950** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **61.2920, -92.6690, 43.9950**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.7120, 60.4830, -44.3890**, and **128.6460, 70.0170, -29.9430** is the 20% darker color. If you saturate the color by 10%, you get **177.7080, 92.6690, -43.9950**, and if you desaturate by 10%, it is **183.9660, 83.3150, -39.6690**.

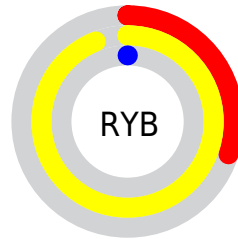
Distribution



Red (94%)

Green (71%)

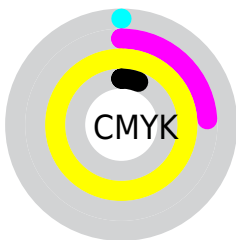
Blue (0%)



Red (30%)

Yellow (94%)

Blue (0%)

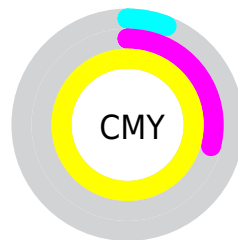


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.7080, 92.6690, -43.9950 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 177.7080, 92.6690, -43.9950 by changing the saturation by 10% instead.

177.7080, 92.6690,
-43.9950

177.7080, 92.6690,
-43.9950

255.0000, -0.0000,
-0.0000

152.5900, 81.6180,
-36.4460

224.1250, 60.7580,
-43.8660

128.6460, 70.0170,
-29.9430

238.5840, 46.2240,
-44.7840

105.3000, 59.6080,
-23.0160

241.7760, 37.2360,
-36.0760

82.2420, 48.3280,
-16.8240

245.0820, 27.9270,
-27.0570

60.3690, 37.9650,
-10.7310

248.3880, 18.6180,
-18.0380

39.9690, 27.6480,
-5.4720

251.6940, 9.3090,

20.4550, 17.6520,

-9.0190

-0.5240

■ 0.0000, 0.0000,
0.0000

■ 177.7080, 92.6690,
-43.9950

■ 183.9660, 83.3150,
-39.6690

■ 190.2240, 73.9610,
-35.3430

■ 195.8950, 64.8820,
-30.4940

■ 202.1530, 55.5280,
-26.1680

■ 208.4110, 46.1740,
-21.8420

■ 214.6690, 36.8200,
-17.5160

■ 220.8130, 27.7870,
-13.5010

■ 226.4840, 18.7080,
-8.6520

■ 232.7420, 9.3540,
-4.3260

Harmonies

Analogous

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



172.7480, 88.3060, -3.4540



177.7080, 92.6690, -43.9950



172.7700, 36.2320, -61.9440

Triad

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



177.7080, 92.6690, -43.9950



159.6460, -140.8870, -40.3350



189.2560, 30.8000, 58.5760

Complementary

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



177.7080, 92.6690, -43.9950



61.2920, -92.6690, 43.9950

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.



180.2110, -36.3620, 20.2300



177.7080, 92.6690, -43.9950



157.0360, -141.8050, -34.7090

Square

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



177.7080, 92.6690, -43.9950



150.3950, -116.2160, -63.4480



148.2310, -137.6800, -26.8640



168.7500, 52.7160, 57.8680

Rectangle

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



177.7080, 92.6690, -43.9950



165.9440, -17.0440, -65.5880



148.2310, -137.6800, -26.8640



190.0320, 16.4510, 48.7950

Sweetspot

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



177.7080, 92.6690, -43.9950



235.1830, 29.6210, -13.6990



78.3010, 123.1840, 69.3280



115.7120, 18.0660, -8.0300



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.



177.7080, 92.6690, -43.9950



189.5360, 98.9050, -46.8790



193.8140, 40.9590, -87.0490



116.8710, 4.6770, -2.1630



136.6090, 71.4390, -33.6890



41.3980, 21.8260, -10.0940

Inverse Universe

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



61.2920, -92.6690, 43.9950



65.4640, -98.9050, 46.8790



45.1860, -40.9590, 87.0490



111.1290, -4.6770, 2.1630



47.3910, -71.4390, 33.6890



14.6020, -21.8260, 10.0940

Previews

White Background



This preview shows how the YIQ color 177.7080, 92.6690, -43.9950 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 177.7080, 92.6690, -43.9950 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 177.7080, 92.6690, -43.9950

Background



This preview shows how black text looks on a background with the YIQ color 177.7080, 92.6690, -43.9950.



This preview shows how white text looks on a background with the YIQ color 177.7080, 92.6690, -43.9950.

-43.9950.

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

177.7080, 92.6690, -43.9950

Protanopia

177.8840, 71.4420, -50.2700

Deuteranopia

178.5170, 91.8890, -40.8710



Tritanopia

193.4020, 43.5070, 21.0030

Trichromacy



Original Color

177.7080, 92.6690, -43.9950

Protanomaly

177.6570, 79.5110, -47.8250

Deuteranomaly

177.9900, 91.9350, -41.7050

Tritanomaly

187.9160, 61.5300, -2.7740

Monochromacy



Original Color

177.7080, 92.6690, -43.9950

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.7550, 33.7020, -16.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.7080, 92.6690, -43.9950 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(239, 181, 0)` looks like.

```
.text, #text, p{  
    color:rgb(239, 181, 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(239, 181, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 181, 0) }
```

Border

The CSS property to change the border of an element to YIQ 177.7080, 92.6690, -43.9950 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(239, 181, 0) }
```


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

```
.border{ border-color:rgb(239, 181, 0) }
```

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

Here you see how a box with a 4 pixel rgb(239, 181, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 181, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 181, 0);  
box-shadow:4px 4px 4px 4px rgb(239, 181,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 177.7080, 92.6690, -43.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 181, 0) }
```

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

```
.background{ background-color: rgb(239,  
181, 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](#).

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