

Converting Colors

YIQ(177.4580, 73.1820,
-37.7460)

Have a look what the booklet for
YIQ(177.4580, 73.1820, -37.7460)
contains.

YIQ(177.4580, 73.1820, -37.7460)	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(177.4580, 73.1820,
-37.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B620
RGB	224, 182, 32
RGB Percent	88%, 71%, 13%
CMY	0.1216, 0.2863, 0.8741
CMYK	0.00, 0.19, 0.86, 0.12
HSL	47°, 76%, 50%
HSV	47°, 86%, 88%
XYZ	47.7274, 49.4009, 8.3937
YIQ	177.4580, 73.1820, -37.7460

Conversions

Conversions Part 2

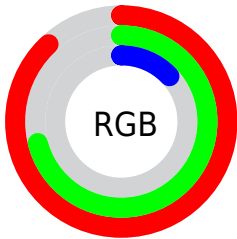
Format	Color
R _Y B	86, 224, 32
Decimal	14726688
CIE Lab	75.70, 2.16, 72.98
CIE LCh	76, 73.016, 88.306
Yxy	49.4009, 0.4523, 0.4682
Android (android.graphics.Color)	4292916768 (0xFFE0B620)
YUV	177.4580, -71.7108, 40.8173
Hunter-Lab	70.2858, -1.7902, 42.1195

Details

The YIQ color **177.4580, 73.1820, -37.7460** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **78.5420, -73.1820, 37.7460**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.6670, 56.3560, -41.1800**, and **125.3460, 61.9940, -33.2220** is the 20% darker color. If you saturate the color by 10%, you get **172.0150, 81.6190, -41.9730**, and if you desaturate by 10%, it is **183.0150, 64.4240, -33.2080**.

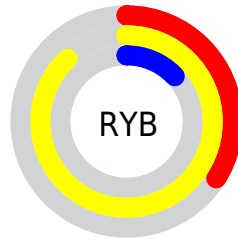
Distribution



Red (88%)

Green (71%)

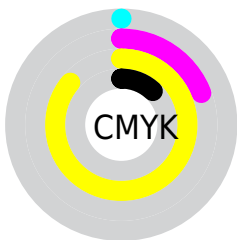
Blue (13%)



Red (34%)

Yellow (88%)

Blue (13%)

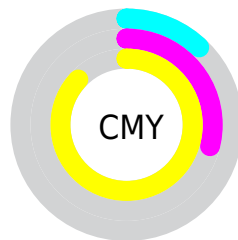


Cyan (0%)

Magenta (19%)

Yellow (86%)

Black (12%)



Cyan (12%)

Magenta (29%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.4580, 73.1820, -37.7460 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 177.4580, 73.1820, -37.7460 by changing the saturation by 10% instead.

■ 177.4580, 73.1820,
-37.7460

■ 177.4580, 73.1820,
-37.7460

■ 255.0000, -0.0000,
-0.0000

■ 148.9910, 72.9990,
-39.9370

■ 226.6670, 56.3560,
-41.1800

■ 125.3460, 61.9940,
-33.2220

■ 239.8380, 42.6930,
-41.3630

■ 102.0000, 51.5850,
-26.2950

■ 243.0300, 33.7050,
-32.6550

■ 79.2410, 40.9010,
-19.8910

■ 246.3360, 24.3960,
-23.6360

■ 57.3680, 30.5380,
-13.7980

■ 249.6420, 15.0870,
-14.6170

■ 37.2670, 20.8170,
-8.3270

■ 252.9480, 5.7780,

■ 18.3510, 12.0130,

-5.5980

-2.9550

■ 0.0000, 0.0000,
0.0000

■ 177.4580, 73.1820,
-37.7460

■ 177.4580, 73.1820,
-37.7460

■ 172.0150, 81.6190,
-41.9730

■ 183.0150, 64.4240,
-33.2080

■ 169.7010, 85.3790,
-44.0370

■ 188.4580, 55.9870,
-28.9810

■ 193.9010, 47.5500,
-24.7540

■ 199.4580, 38.7920,
-20.2160

■ 204.9010, 30.3550,
-15.9890

■ 209.8710, 21.8720,
-10.9280

■ 215.3140, 13.4350,
-6.7010

■ 220.7570, 4.9980,
-2.4740

■ 226.3140, -3.7600,
2.0640

Harmonies

Analogous

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



175.7970, 86.6100, -5.7580



177.4580, 73.1820, -37.7460



171.4990, 21.2380, -54.5220

Triad

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



177.4580, 73.1820, -37.7460



156.3520, -139.8790, -36.5750



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.



177.4580, 73.1820, -37.7460



78.5420, -73.1820, 37.7460

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.



182.3810, -21.9210, 28.3430



177.4580, 73.1820, -37.7460



152.9270, -139.8800, -31.0480

Square

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



177.4580, 73.1820, -37.7460



148.4860, -117.7300, -58.0340



143.5350, -135.4800, -22.6800



169.8610, 56.4770, 50.2770

Rectangle

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



177.4580, 73.1820, -37.7460



163.5440, -27.3610, -60.3290



143.5350, -135.4800, -22.6800



189.1790, 20.5310, 51.9470

Sweetspot

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



177.4580, 73.1820, -37.7460



238.6710, 25.3110, -12.6810



94.5380, 99.9870, 54.6990



118.1570, 15.3150, -7.7330



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.



177.4580, 73.1820, -37.7460



193.0580, 97.2550, -50.0170



186.8630, 31.2360, -70.5240



109.5720, 4.0810, -2.3750



133.0430, 67.2210, -34.3390



36.6580, 18.1580, -9.6980

Inverse Universe

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



78.5420, -73.1820, 37.7460



61.9420, -97.2550, 50.0170



69.1370, -31.2360, 70.5240



103.4280, -4.0810, 2.3750



42.9570, -67.2210, 34.3390



11.9290, -18.4330, 9.1750

Previews

White Background



This preview shows how the YIQ color 177.4580, 73.1820, -37.7460 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 177.4580, 73.1820, -37.7460 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 177.4580, 73.1820, -37.7460

Background



This preview shows how black text looks on a background with the YIQ color 177.4580, 73.1820, -37.7460.



This preview shows how white text looks on a background with the YIQ color 177.4580, 73.1820, -37.7460.

-37.7460.

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

177.4580, 73.1820, -37.7460

Protanopia

176.4350, 62.8210, -42.7070

Deuteranopia

178.1540, 80.1500, -31.8660



Tritanopia

189.6180, 33.9710, 17.6110

Trichromacy



Original Color

177.4580, 73.1820, -37.7460

Protanomaly

176.6420, 66.6720, -40.9120

Deuteranomaly

178.0180, 77.5370, -34.0710

Tritanomaly

185.3860, 48.4630, -2.7450

Monochromacy



Original Color

177.4580, 73.1820, -37.7460

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.2150, 26.5950, -13.9250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.4580, 73.1820, -37.7460 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(224, 182, 32)` looks like.

```
.text, #text, p{  
    color:rgb(224, 182, 32)  
}
```

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(224, 182, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 182, 32) }
```

Border

The CSS property to change the border of an element to YIQ 177.4580, 73.1820, -37.7460 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(224, 182, 32) }
```


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

```
.border{ border-color:rgb(224, 182, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 182, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 182, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 182, 32);  
box-shadow:4px 4px 4px 4px rgb(224, 182,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 177.4580, 73.1820, -37.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 182, 32) }
```

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

```
.background{ background-color: rgb(224,  
182, 32) }
```

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