

Converting Colors

YIQ(177.8340, 23.2940,
-14.6740)

Have a look what the booklet for
YIQ(177.8340, 23.2940, -14.6740)
contains.

YIQ(177.8340, 23.2940, -14.6740)	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(177.8340, 23.2940,
-14.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB57F
RGB	191, 181, 127
RGB Percent	75%, 71%, 50%
CMY	0.2510, 0.2902, 0.5018
CMYK	0.00, 0.05, 0.33, 0.25
HSL	51°, 33%, 62%
HSV	51°, 33%, 75%
XYZ	41.8412, 45.6552, 26.6974
YIQ	177.8340, 23.2940, -14.6740

Conversions

Conversions Part 2

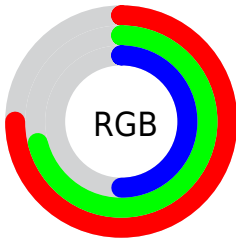
Format	Color
RYB	139, 191, 127
Decimal	12563839
CIELab	73.32, -4.65, 28.82
CIELCh	73, 29.195, 99.161
Yxy	45.6552, 0.3664, 0.3998
Android (android.graphics.Color)	4290753919 (0xFFBFB57F)
YUV	177.8340, -25.0612, 11.5466
Hunter-Lab	67.5686, -7.7108, 23.8716

Details

The YIQ color $177.8340, 23.2940, -14.6740$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $140.1660, -23.2940, 14.6740$, and the grayscale version is $178.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.7910, 24.8530, -15.3950$, and $124.8770, 21.7350, -13.9530$ is the 20% darker color. If you saturate the color by 10%, you get $173.9070, 30.2180, -19.0140$, and if you desaturate by 10%, it is $181.7610, 16.3700, -10.3340$.

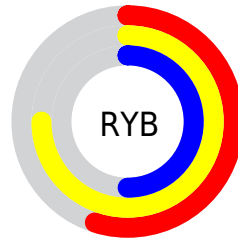
Distribution



Red (75%)

Green (71%)

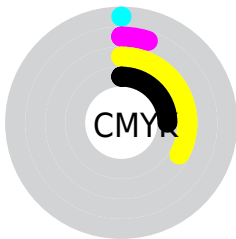
Blue (50%)



Red (55%)

Yellow (75%)

Blue (50%)

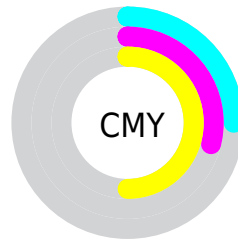


Cyan (0%)

Magenta (5%)

Yellow (33%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.8340, 23.2940, -14.6740 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 177.8340, 23.2940, -14.6740 by changing the saturation by 10% instead.

■ 177.8340, 23.2940,
-14.6740

■ 177.8340, 23.2940,
-14.6740

■ 255.0000, -0.0000,
-0.0000

■ 150.7630, 22.0560,
-14.2640

■ 233.7910, 24.8530,
-15.3950

■ 124.8770, 21.7350,
-13.9530

■ 249.6420, 15.0870,
-14.6170

■ 99.5070, 19.9010,
-13.7550

■ 252.8340, 6.0990,
-5.9090

■ 75.3220, 18.9840,
-13.6560

■ 52.6100, 18.1130,
-14.3910

■ 31.9070, 13.0230,
-10.2490

■ 10.8980, 0.0470,

-6.3610

■ 0.0000, 0.0000,
0.0000

■ 177.8340, 23.2940,
-14.6740

■ 177.8340, 23.2940,
-14.6740

■ 173.9070, 30.2180,
-19.0140

■ 181.7610, 16.3700,
-10.3340

■ 169.9800, 37.1420,
-23.3540

■ 185.6880, 9.4460,
-5.9940

■ 166.0530, 44.0660,
-27.6940

■ 189.6150, 2.5220,
-1.6540

■ 162.1260, 50.9900,
-32.0340

■ 193.5420, -4.4020,
2.6860

■ 158.1990, 57.9140,
-36.3740

■ 197.5830,
-11.6470, 7.3370

■ 154.1580, 65.1590,
-41.0250

■ 201.5100,
-18.5710, 11.6770

■ 151.6160, 69.5610,
-43.7110

■ 204.7530,
-23.5690, 14.1510

■ 206.5140,
-24.3940, 12.5820

■ 208.2750,
-25.2190, 11.0130

Harmonies

Analogous

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



180.4820, 39.3850, -3.4230



177.8340, 23.2940, -14.6740



174.8140, -0.3170, -21.7970

Triad

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



177.8340, 23.2940, -14.6740



166.8750, -63.0400, -13.9200



184.5600, 22.6910, 23.8030

Complementary

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



177.8340, 23.2940, -14.6740



140.1660, -23.2940, 14.6740

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.



183.1040, -2.3880, 21.2600



177.8340, 23.2940, -14.6740



172.3420, -53.6890, -1.6650

Square

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



177.8340, 23.2940, -14.6740



167.2920, -51.3930, -21.2570



179.4640, -30.1250, 11.8190



183.3090, 39.3350, 19.5190

Rectangle

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



177.8340, 23.2940, -14.6740



172.1910, -17.5560, -23.2520



179.4640, -30.1250, 11.8190



184.5530, 15.4010, 23.7610

Sweetspot

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



177.8340, 23.2940, -14.6740



241.9160, 8.8040, -5.3720



147.3900, 34.6130, 16.9890



122.1160, 5.3650, -3.6190



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



177.8340, 23.2940, -14.6740



226.9090, 35.9040, -22.9440



177.4250, 8.0280, -24.3560



92.3870, 3.1640, -2.2760



125.3130, 57.5930, -36.0630



24.5310, 11.3260, -7.0260

Inverse Universe

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



140.1660, -23.2940, 14.6740



168.6780, -36.1790, 22.4210



140.5750, -8.0280, 24.3560



86.6130, -3.1640, 2.2760



32.6870, -57.5930, 36.0630



6.4690, -11.3260, 7.0260

Previews

White Background



This preview shows how the YIQ color 177.8340, 23.2940, -14.6740 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 177.8340, 23.2940, -14.6740 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 177.8340, 23.2940, -14.6740

Background



This preview shows how black text looks on a background with the YIQ color 177.8340, 23.2940, -14.6740.



This preview shows how white text looks on a background with the YIQ color 177.8340, 23.2940, -14.6740.

-14.6740.

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

177.8340, 23.2940, -14.6740

Protanopia

178.1440, 25.3570, -13.5150

Deuteranopia

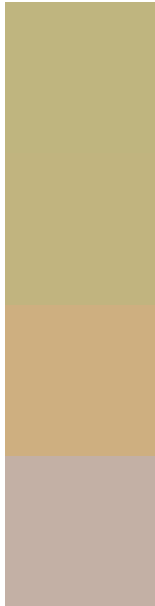
179.6560, 38.8350, -4.4690



Tritanopia

182.0710, 10.4060, 9.6540

Trichromacy



Original Color

177.8340, 23.2940, -14.6740

Protanomaly

177.8450, 24.7610, -13.7270

Deuteranomaly

178.9110, 33.5630, -8.0450

Tritanomaly

180.4270, 14.8550, 0.6070

Monochromacy



Original Color

177.8340, 23.2940, -14.6740

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.9160, 8.8040, -5.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.8340, 23.2940, -14.6740 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(191, 181, 127)` looks like.

```
.text, #text, p{  
    color:rgb(191, 181, 127)  
}
```

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(191, 181, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 181, 127) }
```

Border

The CSS property to change the border of an element to YIQ 177.8340, 23.2940, -14.6740 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(191, 181, 127) }
```


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

```
.border{ border-color:rgb(191, 181, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 181, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 181, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 181, 127);  
box-shadow:4px 4px 4px 4px rgb(191, 181,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 177.8340, 23.2940, -14.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 181, 127) }
```

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

```
.background{ background-color: rgb(191,  
181, 127) }
```

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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