

Converting Colors

YIQ(152.7330, 67.4400, 22.2880)

Have a look what the booklet for
YIQ(152.7330, 67.4400, 22.2880)
contains.

YIQ(152.7330, 67.4400, 22.2880)	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(152.7330, 67.4400,
22.2880)**

Conversions

Conversions Part 1

Format	Color
Hex	E77874
RGB	231, 120, 116
RGB Percent	91%, 47%, 45%
CMY	0.0939, 0.5296, 0.5448
CMYK	0.00, 0.48, 0.50, 0.09
HSL	2°, 71%, 68%
HSV	2°, 50%, 91%
XYZ	42.8438, 31.6843, 20.4016
YIQ	152.7330, 67.4400, 22.2880

Conversions

Conversions Part 2

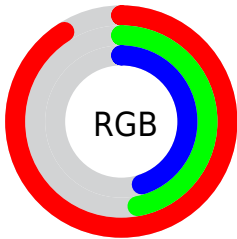
Format	Color
R _Y B	231, 120, 116
Decimal	15169652
CIE Lab	63.08, 42.50, 21.90
CIE LCh	63, 47.815, 27.261
Yxy	31.6843, 0.4513, 0.3338
Android (android.graphics.Color)	4293359732 (0xFFE77874)
YUV	152.7330, -18.1094, 68.6402
Hunter-Lab	56.2888, 37.3585, 17.9128

Details

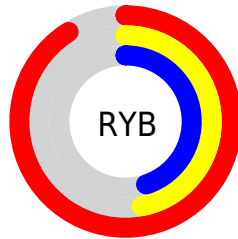
The YIQ color **152.7330, 67.4400, 22.2880** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **194.2670, -67.4400, -22.2880**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **197.5350, 50.2020, 15.3060**, and **98.7970, 61.3880, 21.8360** is the 20% darker color. If you saturate the color by 10%, you get **137.1970, 80.8730, 26.6410**, and if you desaturate by 10%, it is **168.2690, 54.0070, 17.9350**.

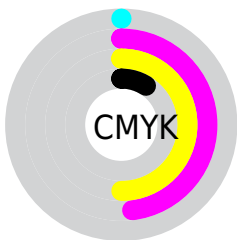
Distribution



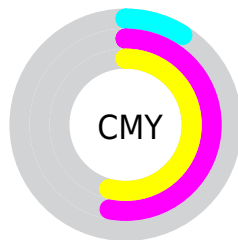
- Red (91%)
- Green (47%)
- Blue (45%)



- Red (91%)
- Yellow (47%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (50%)
- Black (9%)



- Cyan (9%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.7330, 67.4400, 22.2880 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 152.7330, 67.4400, 22.2880 by changing the saturation by 10% instead.

152.7330, 67.4400,
22.2880

152.7330, 67.4400,
22.2880

255.0000, -0.0000,
-0.0000

125.6510, 64.7350,
21.7510

197.5350, 50.2020,
15.3060

98.7970, 61.3880,
21.8360

217.0490, 33.8350,
9.0590

72.3560, 58.3160,
22.4440

237.2640, 16.8720,
2.6000

42.5070, 56.5730,
26.5010

254.6580, 0.9630,
-0.9330

25.7140, 51.2560,
18.2320

17.3420, 34.5680,
12.2960

7.8880, 15.1750,

5.8230

■ 0.0000, 0.0000,
0.0000

■ 152.7330, 67.4400,
22.2880

■ 152.7330, 67.4400,
22.2880

■ 137.1970, 80.8730,
26.6410

■ 168.2690, 54.0070,
17.9350

■ 121.0740, 94.5810,
31.5170

■ 184.3920, 40.2990,
13.0590

■ 105.5380,
108.0140, 35.8700

■ 199.9280, 26.8660,
8.7060

■ 90.0020, 121.4470,
40.2230

■ 215.4640, 13.4330,
4.3530

■ 73.8790, 135.1550,
45.0990

■ 231.7010, -0.5960,
-0.2120

■ 73.7650, 135.4760,
44.7880

■ 247.2370,
-14.0290, -4.5650

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



154.8630, 52.9950, 36.2830



152.7330, 67.4400, 22.2880



151.1060, 64.0510, 1.0990

Triad

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



152.7330, 67.4400, 22.2880



137.1750, -29.7950, -38.2350



137.7040, -83.7670, 3.7930

Complementary

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



152.7330, 67.4400, 22.2880



194.2670, -67.4400, -22.2880

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.



124.6250, -118.0580, -19.0340



152.7330, 67.4400, 22.2880



118.8960, -95.0370, -45.2850

Square

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



152.7330, 67.4400, 22.2880



145.0910, 14.5400, -32.2440



123.7980, -108.8400, -31.9120



154.4840, -23.7090, 27.7070

Rectangle

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



152.7330, 67.4400, 22.2880



149.9870, 53.6000, -13.2480



123.7980, -108.8400, -31.9120



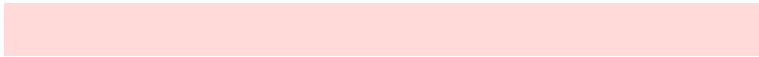
121.8840, -119.9850, -11.6410

Sweetspot

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



152.7330, 67.4400, 22.2880



228.9490, 22.3730, 7.5330



163.0390, 32.9090, 58.9010



111.8770, 13.7080, 4.8760



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.



152.7330, 67.4400, 22.2880



150.6820, 89.8130, 29.8210



186.1920, 51.7650, -7.5230



107.1750, 6.8770, 2.0210



57.0430, 105.0340, 34.8100



16.4230, 29.8460, 9.7660

Inverse Universe

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



194.2670, -67.4400, -22.2880



206.3180, -89.8130, -29.8210



160.8080, -51.7650, 7.5230



110.8250, -6.8770, -2.0210



121.3700, -104.7590, -34.2870



34.5770, -29.8460, -9.7660

Previews

White Background



This preview shows how the YIQ color 152.7330, 67.4400, 22.2880 looks on a white background.

Color Contrast Check

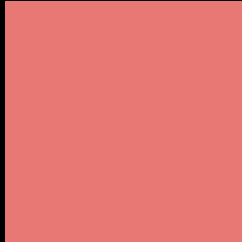
Large Text (above 18pt) WCAG AA × Fail

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 152.7330, 67.4400, 22.2880 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 152.7330, 67.4400, 22.2880

Background



This preview shows how black text looks on a background with the YIQ color 152.7330, 67.4400, 22.2880.



This preview shows how white text looks on a background with the YIQ color 152.7330, 67.4400,

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

152.7330, 67.4400, 22.2880

Protanopia

152.8840, 11.8300, -5.1460

Deuteranopia

153.0620, 31.8200, -3.9880



Tritanopia

153.1120, 65.0550, 26.9670

Trichromacy



Original Color

152.7330, 67.4400, 22.2880

Protanomaly

152.7450, 31.6350, 4.8750

Deuteranomaly

152.8020, 44.6560, 5.6800

Tritanomaly

153.2430, 66.0640, 25.2000

Monochromacy



Original Color

152.7330, 67.4400, 22.2880

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.8460, 24.1610, 8.1690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.7330, 67.4400, 22.2880 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(231, 120, 116)` looks like.

```
.text, #text, p{  
    color:rgb(231, 120, 116)  
}
```

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(231, 120, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 120, 116) }
```

Border

The CSS property to change the border of an element to YIQ 152.7330, 67.4400, 22.2880 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(231, 120, 116) }
```


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

```
.border{ border-color:rgb(231, 120, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 120, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 120, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 120, 116); box-shadow:4px 4px 4px 4px rgb(231, 120, 116) }
```

Background

The CSS property to change the background color of an element to YIQ 152.7330, 67.4400, 22.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 120, 116) }
```

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

```
.background{ background-color: rgb(231,  
120, 116) }
```

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