

Converting Colors

YIQ(171.3780, 52.0820, 14.2740)

Have a look what the booklet for
YIQ(171.3780, 52.0820, 14.2740)
contains.

YIQ(171.3780, 52.0820, 14.2740)	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(171.3780, 52.0820,
14.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	E6948A
RGB	230, 148, 138
RGB Percent	90%, 58%, 54%
CMY	0.0979, 0.4197, 0.4586
CMYK	0.00, 0.36, 0.40, 0.10
HSL	6°, 65%, 72%
HSV	6°, 40%, 90%
XYZ	47.8245, 39.8365, 29.2341
YIQ	171.3780, 52.0820, 14.2740

Conversions

Conversions Part 2

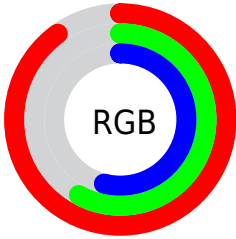
Format	Color
R _Y B	230, 149, 138
Decimal	15111306
CIE Lab	69.35, 29.79, 18.14
CIE LCh	69, 34.872, 31.336
Yxy	39.8365, 0.4091, 0.3408
Android (android.graphics.Color)	4293301386 (0xFFE6948A)
YUV	171.3780, -16.4554, 51.4115
Hunter-Lab	63.1162, 24.8000, 16.7194

Details

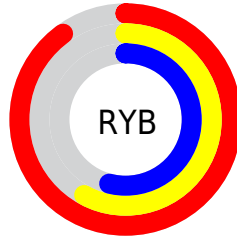
The YIQ color **171.3780, 52.0820, 14.2740** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **196.6220, -52.0820, -14.2740**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.1800, 34.8440, 7.2920**, and **117.8120, 47.8640, 13.6240** is the 20% darker color. If you saturate the color by 10%, you get **156.4290, 65.2400, 18.1040**, and if you desaturate by 10%, it is **185.7400, 39.1990, 10.9670**.

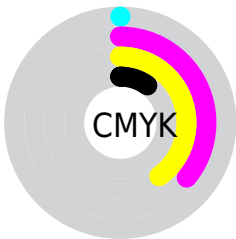
Distribution



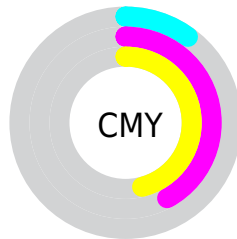
- Red (90%)
- Green (58%)
- Blue (54%)



- Red (90%)
- Yellow (58%)
- Blue (54%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (10%)



- Cyan (10%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.3780, 52.0820, 14.2740 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 171.3780, 52.0820, 14.2740 by changing the saturation by 10% instead.

171.3780, 52.0820,
14.2740

171.3780, 52.0820,
14.2740

255.0000, -0.0000,
-0.0000

144.5950, 49.9730,
13.9490

217.1800, 34.8440,
7.2920

117.8120, 47.8640,
13.6240

236.8080, 18.1560,
1.3560

92.7300, 45.1590,
13.0870

254.2020, 2.2470,
-2.1770

67.7620, 42.1330,
12.8610

43.2070, 39.3820,
13.1580

18.8370, 37.5480,
13.3560

12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 171.3780, 52.0820,
14.2740

■ 171.3780, 52.0820,
14.2740

■ 156.4290, 65.2400,
18.1040

■ 185.7400, 39.1990,
10.9670

■ 142.0670, 78.1230,
21.4110

■ 200.6890, 26.0410,
7.1370

■ 127.1180, 91.2810,
25.2410

■ 215.6380, 12.8830,
3.3070

■ 112.7560,
104.1640, 28.5480

■ 230.0000, -0.0000,
0.0000

■ 97.8070, 117.3220,
32.3780

■ 244.9490,
-13.1580, -3.8300

■ 83.4450, 130.2050,
35.6850

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



172.8520, 42.3600, 25.2720



171.3780, 52.0820, 14.2740



169.5540, 48.0500, -0.7660

Triad

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



171.3780, 52.0820, 14.2740



159.0220, -24.5700, -28.2980



165.3850, -46.0800, 9.1200

Complementary

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



171.3780, 52.0820, 14.2740



196.6220, -52.0820, -14.2740

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.



154.8060, -75.7870, -8.6750



171.3780, 52.0820, 14.2740



152.1830, -58.6360, -27.6600

Square

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



171.3780, 52.0820, 14.2740



163.5390, 7.7070, -24.0450



146.7580, -85.0000, -23.4320



172.2540, -11.5580, 22.2500

Rectangle

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



171.3780, 52.0820, 14.2740



167.9670, 39.1570, -10.3070



146.7580, -85.0000, -23.4320



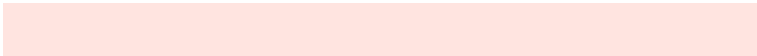
161.9490, -56.7160, 3.6360

Sweetspot

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



171.3780, 52.0820, 14.2740



235.6170, 17.3760, 4.4800



174.9700, 28.1890, 45.3170



116.5560, 10.1780, 2.7700



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.



171.3780, 52.0820, 14.2740



177.1090, 69.1370, 19.0650



197.7930, 39.7070, -9.2610



107.7620, 6.6020, 1.4980



64.6740, 101.4590, 28.0110



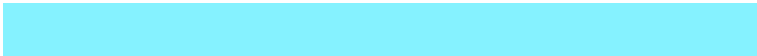
18.1840, 29.0210, 8.1970

Inverse Universe

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



196.6220, -52.0820, -14.2740



210.8910, -69.1370, -19.0650



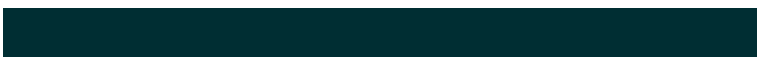
170.2070, -39.7070, 9.2610



110.8250, -6.8770, -2.0210



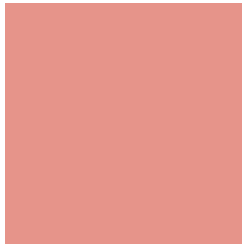
113.7390, -101.1840, -27.4880



32.8160, -29.0210, -8.1970

Previews

White Background



This preview shows how the YIQ color 171.3780, 52.0820, 14.2740 looks on a white background.

Color Contrast Check

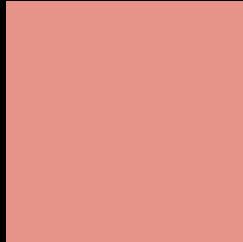
Large Text (above 18pt) WCAG AA × Fail

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 171.3780, 52.0820, 14.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

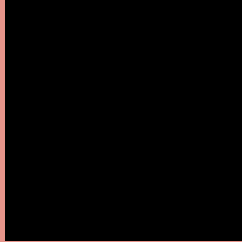
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 171.3780, 52.0820, 14.2740

Background



This preview shows how black text looks on a background with the YIQ color 171.3780, 52.0820, 14.2740.



This preview shows how white text looks on a background with the YIQ color 171.3780, 52.0820,

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

171.3780, 52.0820, 14.2740

Protanopia

169.4110, 11.7840, -4.3120

Deuteranopia

170.2730, 29.8480, -1.2880



Tritanopia

172.2670, 48.3210, 21.8650

Trichromacy



Original Color

171.3780, 52.0820, 14.2740

Protanomaly

169.9400, 26.5920, 2.6560

Deuteranomaly

171.0400, 38.0540, 4.1820

Tritanomaly

171.7570, 49.6970, 18.9530

Monochromacy



Original Color

171.3780, 52.0820, 14.2740

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.2150, 18.5680, 4.9040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.3780, 52.0820, 14.2740 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(230, 148, 138)` looks like.

```
.text, #text, p{  
    color:rgb(230, 148, 138)  
}
```

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(230, 148, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 148, 138) }
```

Border

The CSS property to change the border of an element to YIQ 171.3780, 52.0820, 14.2740 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(230, 148, 138) }
```


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

```
.border{ border-color:rgb(230, 148, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 148, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 148, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 148, 138);  
box-shadow:4px 4px 4px 4px rgb(230, 148,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 171.3780, 52.0820, 14.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 148, 138) }
```

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

```
.background{ background-color: rgb(230,  
148, 138) }
```

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