

Converting Colors

YIQ(104.3580, -15.0870,
14.6170)

Have a look what the booklet for
YIQ(104.3580, -15.0870, 14.6170)
contains.

YIQ(104.3580, -15.0870, 14.6170)	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(104.3580, -15.0870,
14.6170)**

Conversions

Conversions Part 1

Format	Color
Hex	636392
RGB	99, 99, 146
RGB Percent	39%, 39%, 57%
CMY	0.6117, 0.6118, 0.4275
CMYK	0.32, 0.32, 0.00, 0.43
HSL	240°, 19%, 48%
HSV	240°, 32%, 57%
XYZ	14.7947, 13.6513, 29.0393
YIQ	104.3580, -15.0870, 14.6170

Conversions

Conversions Part 2

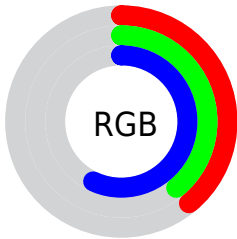
Format	Color
R_{YB}	99, 99, 146
Decimal	6513554
CIE _{Lab}	43.73, 11.51, -25.76
CIE _{LCh}	44, 28.212, 294.081
Yxy	13.6513, 0.2574, 0.2375
Android (android.graphics.Color)	4284703634 (0xFF636392)
YUV	104.3580, 20.5295, -4.6990
Hunter-Lab	36.9477, 6.8167, -20.7360

Details

The YIQ color **104.3580, -15.0870, 14.6170** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **140.6420, 15.0870, -14.6170**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.9990, -15.4540, 15.7620**, and **56.8910, -15.2700, 12.4260** is the 20% darker color. If you saturate the color by 10%, you get **91.0680, -19.9020, 19.2820**, and if you desaturate by 10%, it is **117.6480, -10.2720, 9.9520**.

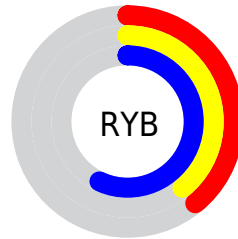
Distribution



Red (39%)

Green (39%)

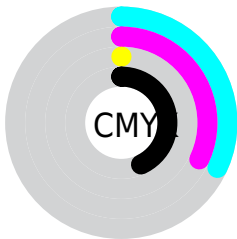
Blue (57%)



Red (39%)

Yellow (39%)

Blue (57%)

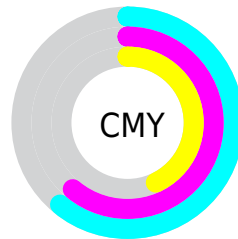


Cyan (32%)

Magenta (32%)

Yellow (0%)

Black (43%)



Cyan (61%)

Magenta (61%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.3580, -15.0870, 14.6170 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 104.3580, -15.0870, 14.6170 by changing the saturation by 10% instead.

■ 104.3580,
-15.0870, 14.6170

■ 104.3580,
-15.0870, 14.6170

■ 255.0000, -0.0000,
-0.0000

■ 79.8310, -15.0410,
13.7830

■ 155.9990,
-15.4540, 15.7620

■ 56.8910, -15.2700,
12.4260

■ 182.5260,
-15.5000, 16.5960

■ 34.6520, -16.0950,
10.8570

■ 210.4120,
-15.1790, 16.2850

■ 11.1790, -16.1410,
11.6910

■ 235.5190, -5.5950,
7.7890

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 104.3580,
-15.0870, 14.6170

■ 104.3580,
-15.0870, 14.6170

■ 91.0680, -19.9020,
19.2820

■ 117.6480,
-10.2720, 9.9520

■ 78.6640, -24.3960,
23.6360

■ 130.0520, -5.7780,
5.5980

■ 65.3740, -29.2110,
28.3010

■ 143.3420, -0.9630,
0.9330

■ 52.9700, -33.7050,
32.6550

■ 155.7460, 3.5310,
-3.4210

■ 39.6800, -38.5200,
37.3200

■ 169.0360, 8.3460,
-8.0860

■ 26.3900, -43.3350,
41.9850

■ 182.3260, 13.1610,
-12.7510

■ 16.6440, -46.8660,
45.4060

■ 194.7300, 17.6550,
-17.1050

■ 208.0200, 22.4700,

-21.7700

■ 220.4240, 26.9640,
-26.1240

Harmonies

Analogous

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



97.5500, -42.4110, 3.1970



104.3580, -15.0870, 14.6170



106.6230, 9.2120, 20.2840

Triad

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



104.3580, -15.0870, 14.6170



103.3880, 36.9540, 2.0900



90.0390, -40.4350, -21.6110

Complementary

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



104.3580, -15.0870, 14.6170



140.6420, 15.0870, -14.6170

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.



96.4090, -12.2380, -20.5100



104.3580, -15.0870, 14.6170



101.8610, 27.8320, -8.8080

Square

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



104.3580, -15.0870, 14.6170



104.4240, 37.2730, 12.8330



99.8370, 10.0440, -16.8360



81.4130, -70.7870, -22.2030

Rectangle

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



104.3580, -15.0870, 14.6170



105.9790, 22.8290, 21.3010



99.8370, 10.0440, -16.8360



93.0140, -30.1190, -21.3430

Sweetspot

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



104.3580, -15.0870, 14.6170



172.1660, -6.0990, 5.9090



131.9470, -28.0120, -9.9640



84.2540, -3.5310, 3.4210



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



104.3580, -15.0870, 14.6170



123.4360, -23.7540, 23.0140



111.2350, -1.3790, 19.4930



67.7980, -2.2470, 2.1770



15.7320, -44.2980, 42.9180



1.1400, -3.2100, 3.1100

Inverse Universe

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



118.4110, 12.9250, 24.5810



145.5620, 20.3500, 38.7020



133.4660, 0.7830, -19.7050



69.8910, 1.9250, 3.6610



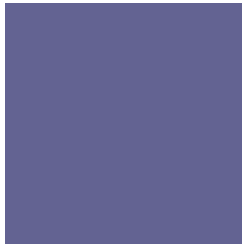
56.9940, 37.9500, 72.1740



4.1300, 2.7500, 5.2300

Previews

White Background



This preview shows how the YIQ color 104.3580, -15.0870, 14.6170 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 104.3580, -15.0870, 14.6170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.3580, -15.0870, 14.6170

Background



This preview shows how black text looks on a background with the YIQ color 104.3580, -15.0870, 14.6170.



This preview shows how white text looks on a background with the YIQ color 104.3580, -15.0870,

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

104.3580, -15.0870, 14.6170

Protanopia

103.0580, -23.1100, 11.3380

Deuteranopia

102.7160, -22.1470, 10.4050



Tritanopia

102.1390, -10.6370, 0.0430

Trichromacy



Original Color

104.3580, -15.0870, 14.6170

Protanomaly

103.5530, -20.1300, 12.3980

Deuteranomaly

103.3250, -19.4880, 11.7760

Tritanomaly

103.2300, -12.1510, 5.4570

Monochromacy



Original Color

104.3580, -15.0870, 14.6170

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.9380, -5.4570, 5.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.3580, -15.0870, 14.6170 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(99, 99, 146)` looks like.

```
.text, #text, p{  
    color:rgb(99, 99, 146)  
}
```

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(99, 99, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 99, 146) }
```

Border

The CSS property to change the border of an element to YIQ 104.3580, -15.0870, 14.6170 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(99, 99, 146) }
```


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

```
.border{ border-color:rgb(99, 99, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 99, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 99, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 99, 146);  
box-shadow:4px 4px 4px 4px rgb(99, 99,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 104.3580, -15.0870, 14.6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 99, 146) }
```

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

```
.background{ background-color: rgb(99, 99,  
146) }
```

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