

Converting Colors

YIQ(103.5180, -3.8540, 14.7860)

Have a look what the booklet for
YIQ(103.5180, -3.8540, 14.7860)
contains.

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Color

**YIQ(103.5180, -3.8540,
14.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5F85
RGB	109, 95, 133
RGB Percent	43%, 37%, 52%
CMY	0.5725, 0.6275, 0.4785
CMYK	0.18, 0.29, 0.00, 0.48
HSL	262°, 17%, 45%
HSV	262°, 29%, 52%
XYZ	14.6330, 13.1286, 23.9490
YIQ	103.5180, -3.8540, 14.7860

Conversions

Conversions Part 2

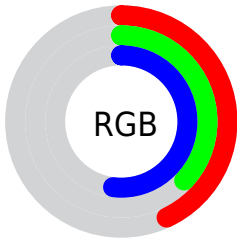
Format	Color
R_{YB}	109, 95, 133
Decimal	7167877
CIE _{Lab}	42.96, 13.86, -19.08
CIE _{LCh}	43, 23.580, 305.992
Yxy	13.1286, 0.2830, 0.2539
Android (android.graphics.Color)	4285357957 (0xFF6D5F85)
YUV	103.5180, 14.5346, 4.8077
Hunter-Lab	36.2335, 8.6792, -13.8251

Details

The YIQ color **103.5180, -3.8540, 14.7860** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **124.4820, 3.8540, -14.7860**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0450, -3.9000, 15.6200**, and **56.4640, -3.7620, 13.1180** is the 20% darker color. If you saturate the color by 10%, you get **93.4950, -5.0470, 19.8890**, and if you desaturate by 10%, it is **113.5410, -2.6610, 9.6830**.

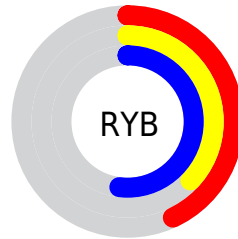
Distribution



Red (43%)

Green (37%)

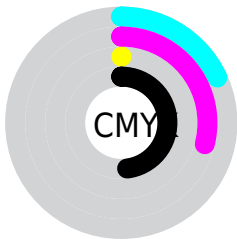
Blue (52%)



Red (43%)

Yellow (37%)

Blue (52%)

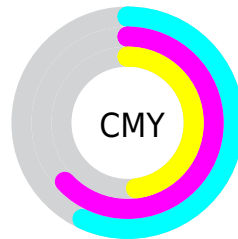


Cyan (18%)

Magenta (29%)

Yellow (0%)

Black (48%)



Cyan (57%)

Magenta (63%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.5180, -3.8540, 14.7860 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 103.5180, -3.8540, 14.7860 by changing the saturation by 10% instead.

■ 103.5180, -3.8540,
14.7860

■ 103.5180, -3.8540,
14.7860

■ 255.0000, -0.0000,
-0.0000

■ 79.1050, -4.1290,
14.2630

■ 155.0450, -3.9000,
15.6200

■ 56.4640, -3.7620,
13.1180

■ 181.5720, -3.9460,
16.4540

■ 34.6380, -4.3120,
12.0720

■ 208.9850, -3.6710,
16.9770

■ 11.1870, -1.4240,
14.8000

■ 235.5740, 1.7400,
12.5240

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 103.5180, -3.8540,
14.7860

■ 103.5180, -3.8540,
14.7860

■ 93.4950, -5.0470,
19.8890

■ 113.5410, -2.6610,
9.6830

■ 82.5860, -6.5610,
25.3030

■ 124.4500, -1.1470,
4.2690

■ 72.5630, -7.7540,
30.4060

■ 134.4730, 0.0460,
-0.8340

■ 62.2410, -9.5430,
35.2970

■ 144.7950, 1.8350,
-5.7250

■ 52.2180, -10.7360,
40.4000

■ 154.8180, 3.0280,
-10.8280

■ 41.6080, -11.6540,
46.0260

■ 165.4280, 3.9460,
-16.4540

■ 31.2860, -13.4430,
50.9170

■ 175.7500, 5.7350,
-21.3450

■ 29.8130, -13.4890,

■ 185.7730, 6.9280,

51.7510

-26.4480

■ 196.6820, 8.4420,
-31.8620

Harmonies

Analogous

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



100.0530, -24.7140, 7.3660



103.5180, -3.8540, 14.7860



104.2660, 14.5310, 17.4990

Triad

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



103.5180, -3.8540, 14.7860



101.5610, 28.9770, -2.0230



90.5710, -38.8770, -16.8050

Complementary

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



103.5180, -3.8540, 14.7860



124.4820, 3.8540, -14.7860

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.



94.5810, -18.4740, -17.6260



103.5180, -3.8540, 14.7860



100.1310, 18.2040, -10.5320

Square

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



103.5180, -3.8540, 14.7860



102.5110, 32.4140, 7.2780



97.5850, 2.0660, -15.4220



88.5620, -51.8530, -12.9170

Rectangle

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



103.5180, -3.8540, 14.7860



104.0020, 24.0220, 16.1980



97.5850, 2.0660, -15.4220



91.8660, -32.4580, -17.4980

Sweetspot

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



103.5180, -3.8540, 14.7860



161.5040, -1.2390, 5.9370



113.4200, -18.7980, -0.7340



79.3360, -0.8260, 3.9580



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



103.5180, -3.8540, 14.7860



127.3040, -5.8270, 23.0130



109.1990, 7.4700, 18.8140



61.2820, -0.7340, 2.2900



29.1720, -13.1220, 50.6060



0.6410, -0.3670, 1.1450

Inverse Universe

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



109.0980, 14.9440, 15.5200



135.9730, 22.9660, 24.3260



118.8010, -7.4700, -18.8140



62.2500, 2.2920, 2.5160



48.2180, 51.1580, 53.0620



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 103.5180, -3.8540, 14.7860 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 103.5180, -3.8540, 14.7860 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 103.5180, -3.8540, 14.7860

Background



This preview shows how black text looks on a background with the YIQ color 103.5180, -3.8540, 14.7860.



This preview shows how white text looks on a background with the YIQ color 103.5180, -3.8540,

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

103.5180, -3.8540, 14.7860

Protanopia

101.5270, -17.2410, 9.5990

Deuteranopia

102.1530, -13.2520, 8.8920



Tritanopia

102.4070, 0.4120, 3.5480

Trichromacy



Original Color

103.5180, -3.8540, 14.7860

Protanomaly

102.3320, -12.1980, 11.8180

Deuteranomaly

102.4740, -9.7220, 10.9980

Tritanomaly

102.5580, -1.3310, 7.6050

Monochromacy



Original Color

103.5180, -3.8540, 14.7860

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.0910, -1.5140, 5.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.5180, -3.8540, 14.7860 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(109, 95, 133)` looks like.

```
.text, #text, p{  
    color:rgb(109, 95, 133)  
}
```

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(109, 95, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 95, 133) }
```

Border

The CSS property to change the border of an element to YIQ 103.5180, -3.8540, 14.7860 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(109, 95, 133) }
```


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

```
.border{ border-color:rgb(109, 95, 133) }
```

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

Here you see how a box with a 4 pixel rgb(109, 95, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 95, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 95, 133);  
box-shadow:4px 4px 4px 4px rgb(109, 95,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 103.5180, -3.8540, 14.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 95, 133) }
```

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

```
.background{ background-color: rgb(109, 95,  
133) }
```

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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