

Converting Colors

YIQ(106.5000, -4.5840, -5.0320)

Have a look what the booklet for
YIQ(106.5000, -4.5840, -5.0320)
contains.

YIQ(106.5000, -4.5840, -5.0320)	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(106.5000, -4.5840,
-5.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	636F67
RGB	99, 111, 103
RGB Percent	39%, 44%, 40%
CMY	0.6118, 0.5647, 0.5961
CMYK	0.11, 0.00, 0.07, 0.56
HSL	140°, 6%, 41%
HSV	140°, 11%, 44%
XYZ	13.2777, 15.0014, 15.0269
YIQ	106.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

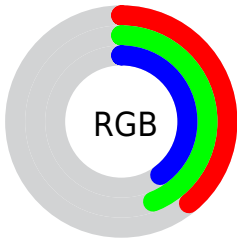
Format	Color
R_{YB}	99, 108, 111
Decimal	6516583
CIE _{Lab}	45.64, -6.24, 2.91
CIE _{LCh}	46, 6.883, 154.957
Y _{xy}	15.0014, 0.3066, 0.3464
Android (android.graphics.Color)	4284706663 (0xFF636F67)
Y _{UV}	106.5000, -1.7255, -6.5775
Hunter-Lab	38.7316, -6.5882, 4.1090

Details

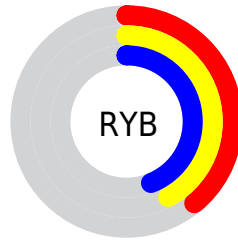
The YIQ color $[106.5000, -4.5840, -5.0320]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[103.5000, 4.5840, 5.0320]$, and the grayscale version is $[107.0000, -0.0000, 0.0000]$.

A 20% lighter version of the original color is $[158.0870, -4.8590, -5.5550]$, and $[58.9130, -4.3090, -4.5090]$ is the 20% darker color. If you saturate the color by 10%, you get $[102.4130, -8.8930, -9.5410]$, and if you desaturate by 10%, it is $[110.5870, -0.2750, -0.5230]$.

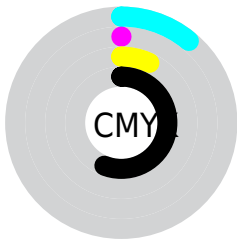
Distribution



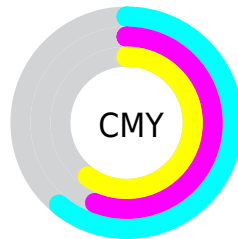
- Red (39%)
- Green (44%)
- Blue (40%)



- Red (39%)
- Yellow (42%)
- Blue (44%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (56%)



- Cyan (61%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.5000, -4.5840, -5.0320 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 106.5000, -4.5840, -5.0320 by changing the saturation by 10% instead.

■ 106.5000, -4.5840,
-5.0320

■ 106.5000, -4.5840,
-5.0320

■ 255.0000, -0.0000,
-0.0000

■ 82.5000, -4.5840,
-5.0320

■ 158.0870, -4.8590,
-5.5550

■ 58.9130, -4.3090,
-4.5090

■ 184.7880, -5.4550,
-5.7670

■ 37.3260, -4.0340,
-3.9860

■ 212.0870, -4.8590,
-5.5550

■ 16.2010, -5.1800,
-5.2440

■ 240.7880, -5.4550,
-5.7670

■ 0.0000, 0.0000,
0.0000

■ 106.5000, -4.5840,

■ 106.5000, -4.5840,

-5.0320

-5.0320

■ 102.4130, -8.8930,
-9.5410

■ 110.5870, -0.2750,
-0.5230

■ 98.2120, -12.8810,
-14.3610

■ 114.7880, 3.7130,
4.2970

■ 94.1250, -17.1900,
-18.8700

■ 118.8750, 8.0220,
8.8060

■ 89.9240, -21.1780,
-23.6900

■ 123.0760, 12.0100,
13.6260

■ 85.5380, -26.0830,
-28.4110

■ 127.1630, 16.3190,
18.1350

■ 81.4510, -30.3920,
-32.9200

■ 131.5490, 21.2240,
22.8560

■ 77.2500, -34.3800,
-37.7400

■ 135.7500, 25.2120,
27.6760

■ 73.1630, -38.6890,
-42.2490

■ 139.8370, 29.5210,
32.1850

■ 69.3750, -42.4020,
-46.5460

■ 144.0380, 33.5090,
37.0050

Harmonies

Analogous

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



107.2510, 0.5510, -4.4810



106.5000, -4.5840, -5.0320



106.5750, -9.1690, -4.5370

Triad

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



106.5000, -4.5840, -5.0320



107.7590, -6.5110, 2.3610



109.1430, 9.9030, 2.2470

Complementary

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



106.5000, -4.5840, -5.0320



103.5000, 4.5840, 5.0320

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.



109.1260, 8.5730, 4.3250



106.5000, -4.5840, -5.0320



108.4500, -1.1470, 4.2690

Square

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



106.5000, -4.5840, -5.0320



107.0250, -10.3160, -0.2680



109.5000, 4.5840, 5.0320



108.3770, 9.1240, -0.1560

Rectangle

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



106.5000, -4.5840, -5.0320



106.1450, -10.7740, -2.9820



109.5000, 4.5840, 5.0320



108.9690, 10.4530, 3.2930

Sweetspot

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



106.5000, -4.5840, -5.0320



143.4620, -1.4210, -1.7810



108.4360, 1.4680, -4.5800



72.8750, -1.1460, -1.2580



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



106.5000, -4.5840, -5.0320



137.9510, -7.4720, -7.7600



107.1840, -6.5100, -3.1660



53.7500, -2.2920, -2.5160



75.0000, -45.8400, -50.3200



154.3370, -94.2470, -103.6790

Inverse Universe

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



103.5000, 4.5840, 5.0320



133.1630, 7.1510, 8.0710



102.8160, 6.5100, 3.1660



52.2500, 2.2920, 2.5160



45.0000, 45.8400, 50.3200



92.6630, 94.2470, 103.6790

Previews

White Background



This preview shows how the YIQ color 106.5000, -4.5840, -5.0320 looks on a white background.

Color Contrast Check

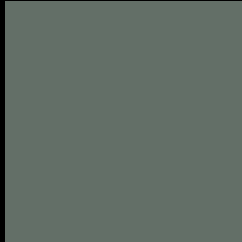
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.5000, -4.5840, -5.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

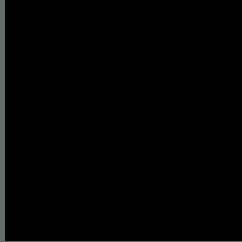
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.5000, -4.5840, -5.0320

Background



This preview shows how black text looks on a background with the YIQ color 106.5000, -4.5840, -5.0320.



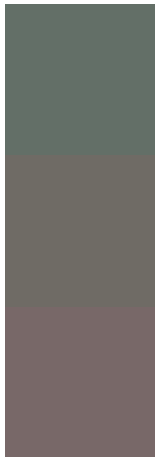
This preview shows how white text looks on a background with the YIQ color 106.5000, -4.5840,

-5.0320.

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

106.5000, -4.5840, -5.0320

Protanopia

107.5120, 4.3100, -1.0180

Deuteranopia

108.7840, 9.5360, 3.3920



Tritanopia

107.5200, -7.3360, 0.7920

Trichromacy



Original Color

106.5000, -4.5840, -5.0320

Protanomaly

107.0170, 1.3300, -2.0780

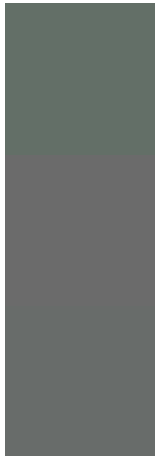
Deuteranomaly

108.1530, 3.9430, 0.1270

Tritanomaly

107.2380, -6.6020, -1.4980

Monochromacy



Original Color

106.5000, -4.5840, -5.0320

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.5760, -1.7420, -1.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.5000, -4.5840, -5.0320 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, 111, 103)` looks like.

```
.text, #text, p{  
    color:rgb(99, 111, 103)  
}
```

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, 111, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 111, 103) }
```

Border

The CSS property to change the border of an element to YIQ 106.5000, -4.5840, -5.0320 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, 111, 103) }
```


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

```
.border{ border-color:rgb(99, 111, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 111, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 111, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 111, 103);  
box-shadow:4px 4px 4px 4px rgb(99, 111,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 106.5000, -4.5840, -5.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 111, 103) }
```

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

```
.background{ background-color: rgb(99, 111,  
103) }
```

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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