

Converting Colors

YIQ(104.5000, -4.5840, -5.0320)

Have a look what the booklet for
YIQ(104.5000, -4.5840, -5.0320)
contains.

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Color

**YIQ(104.5000, -4.5840,
-5.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	616D65
RGB	97, 109, 101
RGB Percent	38%, 43%, 40%
CMY	0.6196, 0.5725, 0.6039
CMYK	0.11, 0.00, 0.07, 0.57
HSL	140°, 6%, 40%
HSV	140°, 11%, 43%
XYZ	12.7468, 14.4188, 14.4224
YIQ	104.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

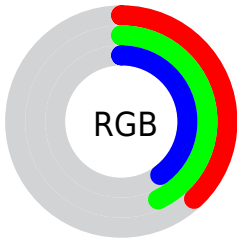
Format	Color
R _Y B	97, 106, 109
Decimal	6384997
CIE Lab	44.83, -6.26, 2.92
CIE LCh	45, 6.906, 154.943
Yxy	14.4188, 0.3065, 0.3467
Android (android.graphics.Color)	4284575077 (0xFF616D65)
YUV	104.5000, -1.7255, -6.5775
Hunter-Lab	37.9721, -6.5305, 4.0612

Details

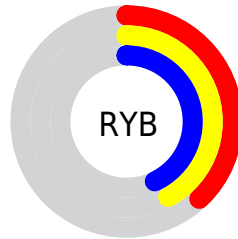
The YIQ color $104.5000, -4.5840, -5.0320$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $101.5000, 4.5840, 5.0320$, and the grayscale version is $105.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $155.5000, -4.5840, -5.0320$, and $57.7990, -3.9880, -4.8200$ is the 20% darker color. If you saturate the color by 10%, you get $100.4130, -8.8930, -9.5410$, and if you desaturate by 10%, it is $108.5870, -0.2750, -0.5230$.

Distribution



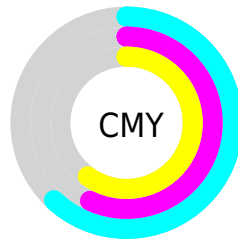
- Red (38%)
- Green (43%)
- Blue (40%)



- Red (38%)
- Yellow (42%)
- Blue (43%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (57%)



- Cyan (62%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.5000, -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 104.5000, -4.5840, -5.0320 by changing the saturation by 10% instead.

■ 104.5000, -4.5840,
-5.0320

■ 104.5000, -4.5840,
-5.0320

■ 255.0000, -0.0000,
-0.0000

■ 80.5000, -4.5840,
-5.0320

■ 155.5000, -4.5840,
-5.0320

■ 57.7990, -3.9880,
-4.8200

■ 182.2010, -5.1800,
-5.2440

■ 35.9130, -4.3090,
-4.5090

■ 210.0870, -4.8590,
-5.5550

■ 13.7880, -5.4550,
-5.7670

■ 238.6740, -5.1340,
-6.0780

■ 0.0000, 0.0000,
0.0000

■ 104.5000, -4.5840,

■ 104.5000, -4.5840,

-5.0320

-5.0320

■ 100.4130, -8.8930,
-9.5410

■ 108.5870, -0.2750,
-0.5230

■ 96.2120, -12.8810,
-14.3610

■ 112.7880, 3.7130,
4.2970

■ 92.1250, -17.1900,
-18.8700

■ 116.8750, 8.0220,
8.8060

■ 88.0380, -21.4990,
-23.3790

■ 120.9620, 12.3310,
13.3150

■ 83.9510, -25.8080,
-27.8880

■ 124.7500, 16.0440,
17.6120

■ 80.0490, -29.2000,
-32.4960

■ 128.9510, 20.0320,
22.4320

■ 75.9620, -33.5090,
-37.0050

■ 133.0380, 24.3410,
26.9410

■ 71.8750, -37.8180,
-41.5140

■ 137.1250, 28.6500,
31.4500

■ 68.0870, -41.5310,
-45.8110

■ 141.2120, 32.9590,
35.9590

Harmonies

Analogous

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



105.2510, 0.5510, -4.4810



104.5000, -4.5840, -5.0320



104.5750, -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.



104.5000, -4.5840, -5.0320



105.7590, -6.5110, 2.3610



107.1430, 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.



104.5000, -4.5840, -5.0320



101.5000, 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.



107.1260, 8.5730, 4.3250



104.5000, -4.5840, -5.0320



106.4500, -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.



104.5000, -4.5840, -5.0320



105.0250, -10.3160, -0.2680



107.5000, 4.5840, 5.0320



106.3770, 9.1240, -0.1560

Rectangle

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



104.5000, -4.5840, -5.0320



104.1450, -10.7740, -2.9820



107.5000, 4.5840, 5.0320



106.9690, 10.4530, 3.2930

Sweetspot

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



104.5000, -4.5840, -5.0320



141.4620, -1.4210, -1.7810



106.4360, 1.4680, -4.5800



70.1740, -0.5500, -1.0460



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



104.5000, -4.5840, -5.0320



135.8370, -7.1510, -8.0710



105.1840, -6.5100, -3.1660



51.7500, -2.2920, -2.5160



73.1250, -44.6940, -49.0620



153.1630, -93.6970, -102.6330

Inverse Universe

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



101.5000, 4.5840, 5.0320



131.1630, 7.1510, 8.0710



100.8160, 6.5100, 3.1660



50.2500, 2.2920, 2.5160



43.8750, 44.6940, 49.0620



91.8370, 93.6970, 102.6330

Previews

White Background



This preview shows how the YIQ color 104.5000, -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 104.5000, -4.5840, -5.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

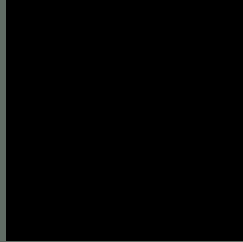
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.5000, -4.5840, -5.0320

Background



This preview shows how black text looks on a background with the YIQ color 104.5000, -4.5840, -5.0320.



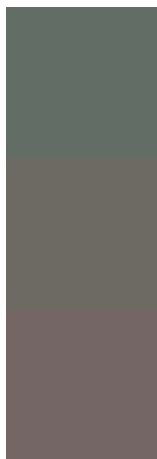
This preview shows how white text looks on a background with the YIQ color 104.5000, -4.5840, -5.0320.

-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

104.5000, -4.5840, -5.0320

Protanopia

105.5120, 4.3100, -1.0180

Deuteranopia

106.4850, 8.9400, 3.1800



Tritanopia

105.5200, -7.3360, 0.7920

Trichromacy



Original Color

104.5000, -4.5840, -5.0320

Protanomaly

105.0170, 1.3300, -2.0780

Deuteranomaly

106.1530, 3.9430, 0.1270

Tritanomaly

105.2380, -6.6020, -1.4980

Monochromacy



Original Color

104.5000, -4.5840, -5.0320

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.5760, -1.7420, -1.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.5000, -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(97, 109, 101)` looks like.

```
.text, #text, p{  
    color:rgb(97, 109, 101)  
}
```

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(97, 109, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 109, 101) }
```

Border

The CSS property to change the border of an element to YIQ 104.5000, -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(97, 109, 101) }
```


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

```
.border{ border-color:rgb(97, 109, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 109, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 109, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 109, 101);  
box-shadow:4px 4px 4px 4px rgb(97, 109,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 104.5000, -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(97, 109, 101) }
```

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

```
.background{ background-color: rgb(97, 109,  
101) }
```

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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