

Converting Colors

YIQ(102.5600, 4.3550, 3.6750)

Have a look what the booklet for
YIQ(102.5600, 4.3550, 3.6750)
contains.

YIQ(102.5600, 4.3550, 3.6750)	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(102.5600, 4.3550,
3.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6368
RGB	109, 99, 104
RGB Percent	43%, 39%, 41%
CMY	0.5725, 0.6118, 0.5921
CMYK	0.00, 0.09, 0.05, 0.57
HSL	330°, 5%, 41%
HSV	330°, 9%, 43%
XYZ	13.2678, 13.1741, 14.9412
YIQ	102.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

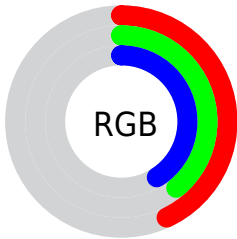
Format	Color
R_{YB}	109, 99, 104
Decimal	7168872
CIE Lab	43.02, 4.96, -1.39
CIE LCh	43, 5.149, 344.311
Yxy	13.1741, 0.3206, 0.3183
Android (android.graphics.Color)	4285358952 (0xFF6D6368)
YUV	102.5600, 0.7099, 5.6479
Hunter-Lab	36.2961, 1.7314, 1.0007

Details

The YIQ color **102.5600, 4.3550, 3.6750** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **105.4400, -4.3550, -3.6750**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5600, 4.3550, 3.6750**, and **56.1470, 4.0800, 3.1520** is the 20% darker color. If you saturate the color by 10%, you get **95.5330, 8.9850, 7.8730**, and if you desaturate by 10%, it is **109.5870, -0.2750, -0.5230**.

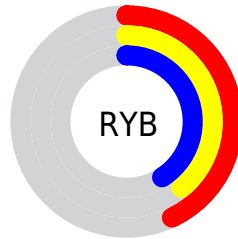
Distribution



Red (43%)

Green (39%)

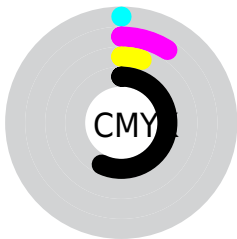
Blue (41%)



Red (43%)

Yellow (39%)

Blue (41%)

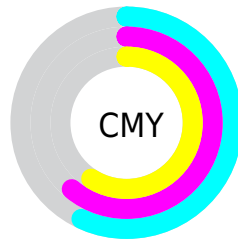


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (57%)



Cyan (57%)

Magenta (61%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.5600, 4.3550, 3.6750 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 102.5600, 4.3550, 3.6750 by changing the saturation by 10% instead.

■ 102.5600, 4.3550,
3.6750

■ 102.5600, 4.3550,
3.6750

255.0000, -0.0000,
-0.0000

■ 78.5600, 4.3550,
3.6750

■ 153.8590, 4.9510,
3.8870

■ 56.1470, 4.0800,
3.1520

■ 180.2720, 5.2260,
4.4100

■ 34.2610, 3.7590,
3.4630

■ 207.8590, 4.9510,
3.8870

■ 11.6850, 5.5010,
4.9330

■ 236.2720, 5.2260,
4.4100

■ 0.0000, 0.0000,
0.0000

■ 102.5600, 4.3550,

■ 102.5600, 4.3550,

3.6750

3.6750

■ 95.5330, 8.9850,
7.8730

■ 109.5870, -0.2750,
-0.5230

■ 88.3920, 13.9360,
11.7600

■ 116.7280, -5.2260,
-4.4100

■ 81.3650, 18.5660,
15.9580

■ 123.7550, -9.8560,
-8.6080

■ 74.2240, 23.5170,
19.8450

■ 130.8960,
-14.8070, -12.4950

■ 67.1970, 28.1470,
24.0430

■ 137.9230,
-19.4370, -16.6930

■ 60.6430, 32.8230,
27.4070

■ 144.4770,
-24.1130, -20.0570

■ 53.6160, 37.4530,
31.6050

■ 151.5040,
-28.7430, -24.2550

■ 46.4750, 42.4040,
35.4920

■ 158.6450,
-33.6940, -28.1420

■ 39.4480, 47.0340,
39.6900

■ 165.6720,
-38.3240, -32.3400

Harmonies

Analogous

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



102.4070, 0.4120, 3.5480



102.5600, 4.3550, 3.6750



102.7020, 6.8310, 2.8550

Triad

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



102.5600, 4.3550, 3.6750



101.2730, 3.4850, -2.5870



100.7540, -8.1150, -1.6110

Complementary

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



102.5600, 4.3550, 3.6750



105.4400, -4.3550, -3.6750

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.



100.1130, -7.7480, -2.7560



102.5600, 4.3550, 3.6750



100.5930, -0.4120, -3.5480

Square

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



102.5600, 4.3550, 3.6750



101.9960, 5.8230, -0.9050



100.4400, -4.3550, -3.6750



101.4060, -7.0150, 0.4810

Rectangle

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



102.5600, 4.3550, 3.6750



102.3600, 7.7940, 1.9220



100.4400, -4.3550, -3.6750



100.3410, -8.3900, -2.1340

Sweetspot

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



102.5600, 4.3550, 3.6750



140.4240, 1.7420, 1.4700



101.6350, -0.2300, 4.1700



69.7120, 0.8710, 0.7350



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.



102.5600, 4.3550, 3.6750



132.6960, 6.9680, 5.8800



101.9900, 5.9600, 2.1200



50.1360, 2.6130, 2.2050



41.7090, 50.7930, 43.1530



87.1630, 106.8580, 89.8820

Inverse Universe

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



102.5600, 4.3550, 3.6750



132.6960, 6.9680, 5.8800



106.0100, -5.9600, -2.1200



50.1360, 2.6130, 2.2050



41.7090, 50.7930, 43.1530



87.1630, 106.8580, 89.8820

Previews

White Background



This preview shows how the YIQ color 102.5600, 4.3550, 3.6750 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 102.5600, 4.3550, 3.6750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

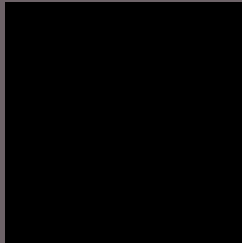
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 102.5600, 4.3550, 3.6750

Background



This preview shows how black text looks on a background with the YIQ color 102.5600, 4.3550, 3.6750.



This preview shows how white text looks on a background with the YIQ color 102.5600, 4.3550,

3.6750.

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

102.5600, 4.3550, 3.6750

Protanopia

101.7550, -0.6880, 1.4560

Deuteranopia

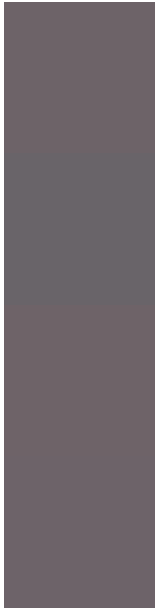
102.8590, 4.9510, 3.8870



Tritanopia

102.7880, 3.7130, 4.2970

Trichromacy



Original Color

102.5600, 4.3550, 3.6750

Protanomaly

102.0650, 1.3750, 2.6150

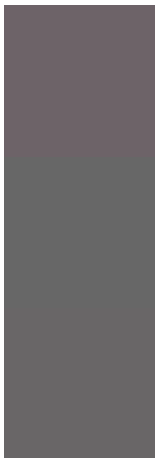
Deuteranomaly

102.8590, 4.9510, 3.8870

Tritanomaly

102.6740, 4.0340, 3.9860

Monochromacy



Original Color

102.5600, 4.3550, 3.6750

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.0110, 1.4670, 0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.5600, 4.3550, 3.6750 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, 99, 104)` looks like.

```
.text, #text, p{  
    color:rgb(109, 99, 104)  
}
```

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, 99, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 99, 104) }
```

Border

The CSS property to change the border of an element to YIQ 102.5600, 4.3550, 3.6750 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, 99, 104) }
```


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

```
.border{ border-color:rgb(109, 99, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 99, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 99, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 99, 104);  
box-shadow:4px 4px 4px 4px rgb(109, 99,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 102.5600, 4.3550, 3.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 99, 104) }
```

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

```
.background{ background-color: rgb(109, 99,  
104) }
```

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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