

Converting Colors

YIQ(111.0590, 1.5120, 5.6400)

Have a look what the booklet for
YIQ(111.0590, 1.5120, 5.6400)
contains.

YIQ(111.0590, 1.5120, 5.6400)	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(111.0590, 1.5120,
5.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	746B77
RGB	116, 107, 119
RGB Percent	45%, 42%, 47%
CMY	0.5451, 0.5804, 0.5333
CMYK	0.03, 0.10, 0.00, 0.53
HSL	285°, 5%, 44%
HSV	285°, 10%, 47%
XYZ	15.7905, 15.5600, 19.6236
YIQ	111.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

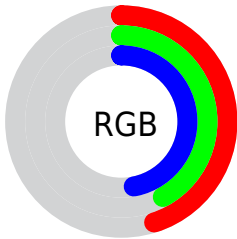
Format	Color
R_{YB}	116, 107, 119
Decimal	7629687
CIE _{Lab}	46.39, 5.94, -5.40
CIE _{LCh}	46, 8.025, 317.711
Yxy	15.5600, 0.3098, 0.3053
Android (android.graphics.Color)	4285819767 (0xFF746B77)
YUV	111.0590, 3.9149, 4.3333
Hunter-Lab	39.4462, 2.4235, -1.8832

Details

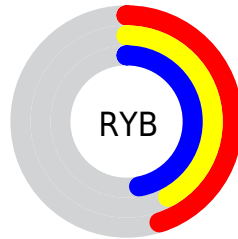
The YIQ color **111.0590, 1.5120, 5.6400** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114.9410, -1.5120, -5.6400**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4720, 1.7870, 6.1630**, and **63.6460, 1.2370, 5.1170** is the 20% darker color. If you saturate the color by 10%, you get **103.1180, 3.0240, 11.2800**, and if you desaturate by 10%, it is **119.0000, -0.0000, 0.0000**.

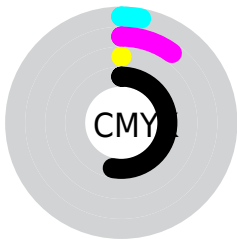
Distribution



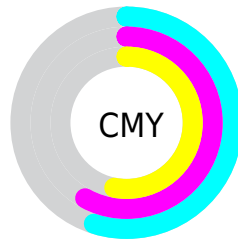
- Red (45%)
- Green (42%)
- Blue (47%)



- Red (45%)
- Yellow (42%)
- Blue (47%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.0590, 1.5120, 5.6400 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 111.0590, 1.5120, 5.6400 by changing the saturation by 10% instead.

■ 111.0590, 1.5120,
5.6400

■ 111.0590, 1.5120,
5.6400

255.0000, -0.0000,
-0.0000

■ 86.6460, 1.2370,
5.1170

■ 162.4720, 1.7870,
6.1630

■ 63.6460, 1.2370,
5.1170

■ 189.4720, 1.7870,
6.1630

■ 41.5320, 1.5580,
4.8060

■ 217.4720, 1.7870,
6.1630

■ 21.1190, 1.2830,
4.2830

■ 245.8850, 2.0620,
6.6860

■ 0.0000, 0.0000,
0.0000

■ 111.0590, 1.5120,

■ 111.0590, 1.5120,

5.6400

■ 103.1180, 3.0240,
11.2800

■ 95.1770, 4.5360,
16.9200

■ 87.2360, 6.0480,
22.5600

■ 79.2950, 7.5600,
28.2000

■ 71.3540, 9.0720,
33.8400

■ 64.0000, 10.3090,
38.9570

■ 56.0590, 11.8210,
44.5970

■ 48.1180, 13.3330,
50.2370

5.6400

■ 119.0000, -0.0000,
0.0000

■ 126.9410, -1.5120,
-5.6400

■ 134.8820, -3.0240,
-11.2800

■ 142.8230, -4.5360,
-16.9200

■ 150.1770, -5.7730,
-22.0370

■ 158.1180, -7.2850,
-27.6770

■ 166.0590, -8.7970,
-33.3170

■ 174.0000,
-10.3090, -38.9570

■ 40.1770, 14.8450,
55.8770

■ 181.9410,
-11.8210, -44.5970

Harmonies

Analogous

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



110.2970, -5.0900, 4.1420



111.0590, 1.5120, 5.6400



111.5820, 7.2890, 5.5690

Triad

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



111.0590, 1.5120, 5.6400



109.7360, 9.4910, -1.3010



107.7210, -12.5160, -4.4520

Complementary

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



111.0590, 1.5120, 5.6400



114.9410, -1.5120, -5.6400

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.



108.1190, -7.8850, -5.7810



111.0590, 1.5120, 5.6400



109.4040, 4.4940, -4.3540

Square

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



111.0590, 1.5120, 5.6400



110.9860, 11.7830, 1.2150



108.6420, -2.1080, -5.8520



108.1170, -13.5710, -1.8510

Rectangle

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



111.0590, 1.5120, 5.6400



111.0230, 10.3610, 4.9610



108.6420, -2.1080, -5.8520



107.6780, -10.9570, -5.1730

Sweetspot

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



111.0590, 1.5120, 5.6400



152.4670, 0.1830, 2.1910



110.1290, -4.6770, 2.1630



76.9400, 0.2290, 1.3570



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



111.0590, 1.5120, 5.6400



143.3520, 2.2450, 8.8770



111.6140, 4.2630, 5.3430



54.8800, 0.4580, 2.7140



41.4160, 15.6700, 57.4460



84.7120, 31.7980, 117.6060

Inverse Universe

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



110.9300, 6.1890, 3.4770



143.2510, 9.7190, 5.5830



114.3860, -4.2630, -5.3430



54.9080, 3.2550, 1.5830



40.0120, 62.7610, 35.5050



81.8180, 129.0980, 72.2820

Previews

White Background



This preview shows how the YIQ color 111.0590, 1.5120, 5.6400 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 111.0590, 1.5120, 5.6400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

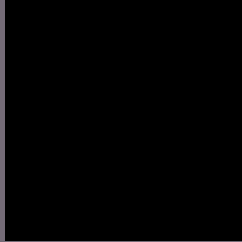
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.0590, 1.5120, 5.6400

Background



This preview shows how black text looks on a background with the YIQ color 111.0590, 1.5120, 5.6400.



This preview shows how white text looks on a background with the YIQ color 111.0590, 1.5120,

5.6400.

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

111.0590, 1.5120, 5.6400

Protanopia

110.2540, -3.5310, 3.4210

Deuteranopia

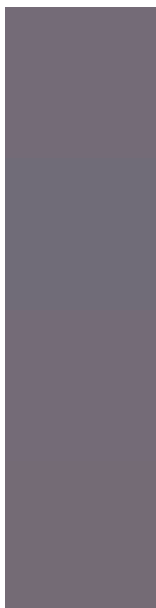
111.0590, 1.5120, 5.6400



Tritanopia

110.7170, 2.4750, 4.7070

Trichromacy



Original Color

111.0590, 1.5120, 5.6400

Protanomaly

110.5640, -1.4680, 4.5800

Deuteranomaly

111.0590, 1.5120, 5.6400

Tritanomaly

110.8310, 2.1540, 5.0180

Monochromacy



Original Color

111.0590, 1.5120, 5.6400

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.3530, 0.5040, 1.8800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.0590, 1.5120, 5.6400 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(116, 107, 119)` looks like.

```
.text, #text, p{  
    color:rgb(116, 107, 119)  
}
```

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(116, 107, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 107, 119) }
```

Border

The CSS property to change the border of an element to YIQ 111.0590, 1.5120, 5.6400 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(116, 107, 119) }
```


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

```
.border{ border-color:rgb(116, 107, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 107, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 107, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 107, 119);  
box-shadow:4px 4px 4px 4px rgb(116, 107,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 111.0590, 1.5120, 5.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 107, 119) }
```

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

```
.background{ background-color: rgb(116,  
107, 119) }
```

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