

Converting Colors

YIQ(106.7870, 5.4540, 11.2940)

Have a look what the booklet for
YIQ(106.7870, 5.4540, 11.2940)
contains.

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Color

**YIQ(106.7870, 5.4540,
11.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	776278
RGB	119, 98, 120
RGB Percent	47%, 38%, 47%
CMY	0.5333, 0.6157, 0.5294
CMYK	0.01, 0.18, 0.00, 0.53
HSL	297°, 10%, 43%
HSV	297°, 18%, 47%
XYZ	15.3671, 14.0129, 19.6645
YIQ	106.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

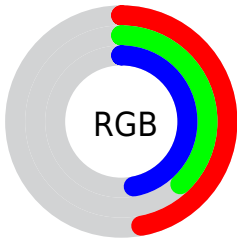
Format	Color
R_{YB}	119, 98, 120
Decimal	7823992
CIE Lab	44.25, 12.68, -9.17
CIE LCh	44, 15.650, 324.138
Yxy	14.0129, 0.3133, 0.2857
Android (android.graphics.Color)	4286014072 (0xFF776278)
YUV	106.7870, 6.5140, 10.7108
Hunter-Lab	37.4338, 7.7674, -4.9422

Details

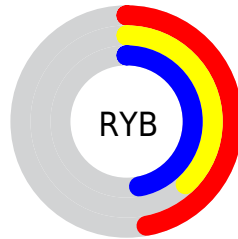
The YIQ color **106.7870, 5.4540, 11.2940** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **111.2130, -5.4540, -11.2940**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2000, 5.7290, 11.8170**, and **59.0750, 4.5830, 10.5590** is the 20% darker color. If you saturate the color by 10%, you get **99.4440, 8.1580, 17.3580**, and if you desaturate by 10%, it is **114.1300, 2.7500, 5.2300**.

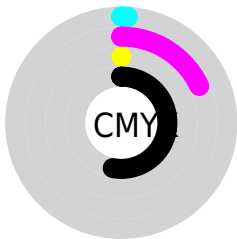
Distribution



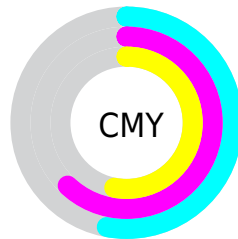
- Red (47%)
- Green (38%)
- Blue (47%)



- Red (47%)
- Yellow (38%)
- Blue (47%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.7870, 5.4540, 11.2940 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 106.7870, 5.4540, 11.2940 by changing the saturation by 10% instead.

■ 106.7870, 5.4540,
11.2940

■ 106.7870, 5.4540,
11.2940

255.0000, -0.0000,
-0.0000

■ 82.3740, 5.1790,
10.7710

■ 158.2000, 5.7290,
11.8170

■ 59.0750, 4.5830,
10.5590

■ 185.0260, 6.2790,
12.8630

■ 37.5480, 4.6290,
9.7250

■ 213.0260, 6.2790,
12.8630

■ 15.6730, 5.7750,
10.9830

■ 240.9120, 6.6000,
12.5520

■ 0.0000, 0.0000,
0.0000

■ 106.7870, 5.4540,

■ 106.7870, 5.4540,

11.2940

11.2940

■ 99.4440, 8.1580,
17.3580

■ 114.1300, 2.7500,
5.2300

■ 92.4000, 11.4580,
23.6340

■ 121.1740, -0.5500,
-1.0460

■ 85.0570, 14.1620,
29.6980

■ 128.5170, -3.2540,
-7.1100

■ 78.0130, 17.4620,
35.9740

■ 135.5610, -6.5540,
-13.3860

■ 70.6700, 20.1660,
42.0380

■ 142.9040, -9.2580,
-19.4500

■ 63.6260, 23.4660,
48.3140

■ 149.9480,
-12.5580, -25.7260

■ 56.2830, 26.1700,
54.3780

■ 157.2910,
-15.2620, -31.7900

■ 49.2390, 29.4700,
60.6540

■ 164.3350,
-18.5620, -38.0660

■ 48.0650, 30.0200,
61.7000

■ 171.6780,
-21.2660, -44.1300

Harmonies

Analogous

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



105.2630, -7.7500, 8.2980



106.7870, 5.4540, 11.2940



107.2350, 15.8160, 10.7280

Triad

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



106.7870, 5.4540, 11.2940



104.4500, 16.0480, -4.4960



99.1860, -27.1870, -8.3950

Complementary

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



106.7870, 5.4540, 11.2940



111.2130, -5.4540, -11.2940

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.



99.7970, -18.8420, -10.9540



106.7870, 5.4540, 11.2940



102.8400, 5.9620, -8.9340

Square

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



106.7870, 5.4540, 11.2940



105.6620, 21.5030, 1.2710



101.0280, -6.3710, -11.1950



100.3480, -27.4630, -3.3910

Rectangle

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



106.7870, 5.4540, 11.2940



106.2200, 20.1720, 8.8760



101.0280, -6.3710, -11.1950



98.9150, -24.9860, -9.7380

Sweetspot

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



106.7870, 5.4540, 11.2940



149.8310, 2.1540, 5.0180



101.0950, -7.3370, 6.3190



76.0650, 1.3750, 2.6150



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.



106.7870, 5.4540, 11.2940



134.8570, 8.4330, 17.8810



105.9460, 9.2600, 8.3960



57.4780, 1.6500, 3.1380



49.8310, 30.7990, 64.1030



100.7870, 62.7440, 129.4640

Inverse Universe

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



104.6920, 12.7910, 4.9750



131.6930, 20.2180, 8.0420



112.0540, -9.2600, -8.3960



56.7940, 3.5760, 1.2720



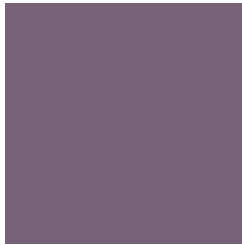
38.0590, 72.5740, 28.3660



76.6020, 146.6610, 56.8450

Previews

White Background



This preview shows how the YIQ color 106.7870, 5.4540, 11.2940 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 106.7870, 5.4540, 11.2940 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 106.7870, 5.4540, 11.2940

Background



This preview shows how black text looks on a background with the YIQ color 106.7870, 5.4540, 11.2940.



This preview shows how white text looks on a background with the YIQ color 106.7870, 5.4540,

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

106.7870, 5.4540, 11.2940

Protanopia

105.3830, -8.2080, 5.5840

Deuteranopia

105.7320, -1.8810, 6.5590



Tritanopia

105.9950, 7.5640, 6.0920

Trichromacy



Original Color

106.7870, 5.4540, 11.2940

Protanomaly

106.1880, -3.1650, 7.8030

Deuteranomaly

106.3410, 0.7780, 7.9300

Tritanomaly

106.1630, 7.1510, 8.0710

Monochromacy



Original Color

106.7870, 5.4540, 11.2940

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.7870, 5.4540, 11.2940 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(119, 98, 120)` looks like.

```
.text, #text, p{  
    color:rgb(119, 98, 120)  
}
```

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(119, 98, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 98, 120) }
```

Border

The CSS property to change the border of an element to YIQ 106.7870, 5.4540, 11.2940 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(119, 98, 120) }
```


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

```
.border{ border-color:rgb(119, 98, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 98, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 98, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 98, 120); box-shadow:4px 4px 4px 4px rgb(119, 98, 120) }
```

Background

The CSS property to change the background color of an element to YIQ 106.7870, 5.4540, 11.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 98, 120) }
```

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

```
.background{ background-color: rgb(119, 98,  
120) }
```

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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