

Converting Colors

YIQ(111.4140, 7.7020, 3.5900)

Have a look what the booklet for
YIQ(111.4140, 7.7020, 3.5900)
contains.

YIQ(111.4140, 7.7020, 3.5900)	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(111.4140, 7.7020,
3.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	796B6D
RGB	121, 107, 109
RGB Percent	47%, 42%, 43%
CMY	0.5255, 0.5804, 0.5725
CMYK	0.00, 0.12, 0.10, 0.53
HSL	351°, 6%, 45%
HSV	351°, 12%, 47%
XYZ	15.9042, 15.6840, 16.6592
YIQ	111.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

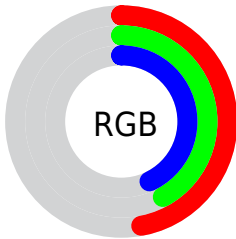
Format	Color
R_{YB}	121, 107, 109
Decimal	7957357
CIE Lab	46.56, 5.88, 0.89
CIE LCh	47, 5.949, 8.580
Yxy	15.6840, 0.3296, 0.3251
Android (android.graphics.Color)	4286147437 (0xFF796B6D)
YUV	111.4140, -1.1901, 8.4069
Hunter-Lab	39.6031, 2.3784, 2.7816

Details

The YIQ color **111.4140, 7.7020, 3.5900** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **116.5860, -7.7020, -3.5900**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7130, 8.2980, 3.8020**, and **63.8160, 6.5100, 3.1660** is the 20% darker color. If you saturate the color by 10%, you get **103.2300, 14.2120, 6.7560**, and if you desaturate by 10%, it is **119.5980, 1.1920, 0.4240**.

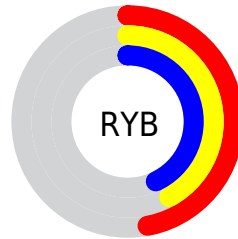
Distribution



Red (47%)

Green (42%)

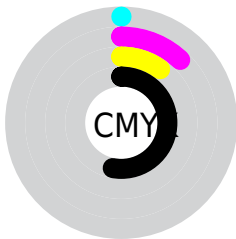
Blue (43%)



Red (47%)

Yellow (42%)

Blue (43%)

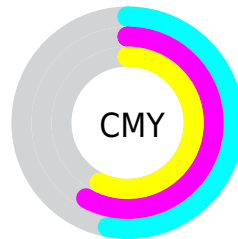


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.4140, 7.7020, 3.5900 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 111.4140, 7.7020, 3.5900 by changing the saturation by 10% instead.

■ 111.4140, 7.7020,
3.5900

■ 111.4140, 7.7020,
3.5900

■ 255.0000, -0.0000,
-0.0000

■ 87.1150, 7.1060,
3.3780

■ 162.7130, 8.2980,
3.8020

■ 63.8160, 6.5100,
3.1660

■ 190.0120, 8.8940,
4.0140

■ 41.8160, 6.5100,
3.1660

■ 218.0120, 8.8940,
4.0140

■ 21.4030, 6.2350,
2.6430

■ 245.5280, 7.3810,
3.9010

■ 0.0000, 0.0000,
0.0000

■ 111.4140, 7.7020,

■ 111.4140, 7.7020,

3.5900

3.5900

■ 103.2300, 14.2120,
6.7560

■ 119.5980, 1.1920,
0.4240

■ 94.9320, 21.0430,
9.6110

■ 127.8960, -5.6390,
-2.4310

■ 86.7480, 27.5530,
12.7770

■ 136.0800,
-12.1490, -5.5970

■ 78.5640, 34.0630,
15.9430

■ 144.2640,
-18.6590, -8.7630

■ 69.6790, 41.1690,
19.3210

■ 153.1490,
-25.7650, -12.1410

■ 61.4950, 47.6790,
22.4870

■ 161.3330,
-32.2750, -15.3070

■ 53.1970, 54.5100,
25.3420

■ 169.6310,
-39.1060, -18.1620

■ 45.0130, 61.0200,
28.5080

■ 177.8150,
-45.6160, -21.3280

■ 38.1170, 66.6590,
30.9390

■ 185.9990,
-52.1260, -24.4940

Harmonies

Analogous

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



111.0870, 4.3090, 4.5090



111.4140, 7.7020, 3.5900



111.4310, 9.0320, 1.5120

Triad

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



111.4140, 7.7020, 3.5900



109.3650, 0.2300, -4.1700



109.5090, -8.8030, -0.1550

Complementary

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



111.4140, 7.7020, 3.5900



116.5860, -7.7020, -3.5900

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.



108.8570, -9.9030, -2.2470



111.4140, 7.7020, 3.5900



109.0270, -4.6300, -4.1980

Square

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



111.4140, 7.7020, 3.5900



109.7570, 4.9980, -2.4740



108.7000, -8.0230, -3.2790



110.2430, -4.9980, 2.4740

Rectangle

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



111.4140, 7.7020, 3.5900



110.6050, 8.4820, 0.4660



108.7000, -8.0230, -3.2790



109.2100, -9.3990, -0.3670

Sweetspot

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



111.4140, 7.7020, 3.5900



154.6090, 2.6590, 1.3710



112.1840, 2.6580, 6.8980



76.8970, 1.7880, 0.6360



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.



111.4140, 7.7020, 3.5900



142.9200, 12.1490, 5.5970



114.1210, 6.9690, 0.3530



56.9080, 3.2550, 1.5830



39.4270, 68.7220, 32.0980



79.4520, 138.6360, 64.6200

Inverse Universe

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



111.4140, 7.7020, 3.5900



142.9200, 12.1490, 5.5970



113.8790, -6.9690, -0.3530



56.9080, 3.2550, 1.5830



39.4270, 68.7220, 32.0980



79.4520, 138.6360, 64.6200

Previews

White Background



This preview shows how the YIQ color 111.4140, 7.7020, 3.5900 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 111.4140, 7.7020, 3.5900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

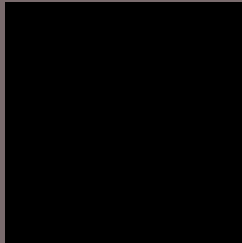
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.4140, 7.7020, 3.5900

Background



This preview shows how black text looks on a background with the YIQ color 111.4140, 7.7020, 3.5900.



This preview shows how white text looks on a background with the YIQ color 111.4140, 7.7020,

3.5900.

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

111.4140, 7.7020, 3.5900

Protanopia

110.7120, 0.8710, 0.7350

Deuteranopia

111.4140, 7.7020, 3.5900



Tritanopia

111.6960, 6.9680, 5.8800

Trichromacy



Original Color

111.4140, 7.7020, 3.5900

Protanomaly

110.9080, 3.2550, 1.5830

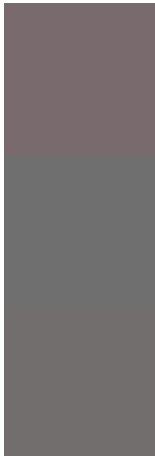
Deuteranomaly

111.4140, 7.7020, 3.5900

Tritanomaly

111.4680, 7.6100, 5.2580

Monochromacy



Original Color

111.4140, 7.7020, 3.5900

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.4950, 2.9800, 1.0600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.4140, 7.7020, 3.5900 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(121, 107, 109)` looks like.

```
.text, #text, p{  
    color:rgb(121, 107, 109)  
}
```

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(121, 107, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 107, 109) }
```

Border

The CSS property to change the border of an element to YIQ 111.4140, 7.7020, 3.5900 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(121, 107, 109) }
```


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

```
.border{ border-color:rgb(121, 107, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 107, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 107, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 107, 109);  
box-shadow:4px 4px 4px 4px rgb(121, 107,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 111.4140, 7.7020, 3.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 107, 109) }
```

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

```
.background{ background-color: rgb(121,  
107, 109) }
```

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