

Converting Colors

YIQ(113.5540, 4.4920, 6.7000)

Have a look what the booklet for
YIQ(113.5540, 4.4920, 6.7000)
contains.

YIQ(113.5540, 4.4920, 6.7000)	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(113.5540, 4.4920,
6.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6C78
RGB	122, 108, 120
RGB Percent	48%, 42%, 47%
CMY	0.5215, 0.5765, 0.5294
CMYK	0.00, 0.11, 0.02, 0.52
HSL	309°, 6%, 45%
HSV	309°, 11%, 48%
XYZ	16.7798, 16.2183, 20.0161
YIQ	113.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

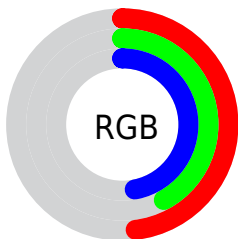
Format	Color
R_{YB}	122, 108, 120
Decimal	8023160
CIE Lab	47.26, 7.82, -4.65
CIE LCh	47, 9.099, 329.256
Yxy	16.2183, 0.3165, 0.3059
Android (android.graphics.Color)	4286213240 (0xFF7A6C78)
YUV	113.5540, 3.1779, 7.4071
Hunter-Lab	40.2720, 3.8979, -1.2780

Details

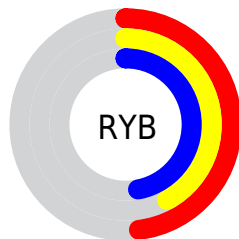
The YIQ color **113.5540, 4.4920, 6.7000** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **116.4460, -4.4920, -6.7000**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9670, 4.7670, 7.2230**, and **65.8420, 3.6210, 5.9650** is the 20% darker color. If you saturate the color by 10%, you get **106.2820, 8.4340, 12.3540**, and if you desaturate by 10%, it is **120.8260, 0.5500, 1.0460**.

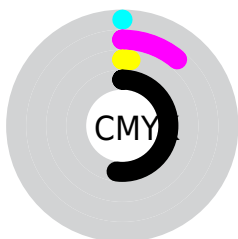
Distribution



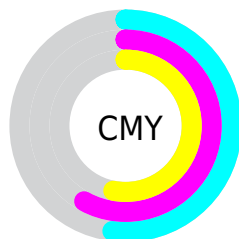
- Red (48%)
- Green (42%)
- Blue (47%)



- Red (48%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.5540, 4.4920, 6.7000 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 113.5540, 4.4920, 6.7000 by changing the saturation by 10% instead.

■ 113.5540, 4.4920,
6.7000

■ 113.5540, 4.4920,
6.7000

255.0000, -0.0000,
-0.0000

■ 89.1410, 4.2170,
6.1770

■ 164.9670, 4.7670,
7.2230

■ 65.8420, 3.6210,
5.9650

■ 192.3800, 5.0420,
7.7460

■ 43.7280, 3.9420,
5.6540

■ 220.3800, 5.0420,
7.7460

■ 23.3150, 3.6670,
5.1310

■ 247.3690, 3.5750,
6.7990

■ 0.0000, 0.0000,
0.0000

■ 113.5540, 4.4920,

■ 113.5540, 4.4920,

6.7000

106.2820, 8.4340,
12.3540

99.1240, 12.0550,
18.3190

91.2650, 16.2720,
24.4960

83.9930, 20.2140,
30.1500

76.7210, 24.1560,
35.8040

69.5630, 27.7770,
41.7690

62.2910, 31.7190,
47.4230

54.4320, 35.9360,
53.6000

6.7000

120.8260, 0.5500,
1.0460

127.9840, -3.0710,
-4.9190

135.8430, -7.2880,
-11.0960

143.1150,
-11.2300, -16.7500

150.3870,
-15.1720, -22.4040

157.5450,
-18.7930, -28.3690

164.8170,
-22.7350, -34.0230

172.6760,
-26.9520, -40.2000

■ 48.4480, 39.0070,
58.5190

■ 179.9480,
-30.8940, -45.8540

Harmonies

Analogous

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



112.6070, -3.0270, 5.3010



113.5540, 4.4920, 6.7000



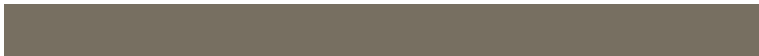
113.6640, 9.9940, 6.1060

Triad

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



113.5540, 4.4920, 6.7000



111.7960, 9.2620, -2.6580



109.4650, -14.6710, -3.9430

Complementary

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



113.5540, 4.4920, 6.7000



116.4460, -4.4920, -6.7000

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.



109.8520, -11.5070, -6.2190



113.5540, 4.4920, 6.7000



111.0940, 2.4310, -5.5130

Square

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



113.5540, 4.4920, 6.7000



112.6440, 12.7460, 0.2820



110.1470, -5.0880, -6.9120



110.4590, -14.5340, -0.9180

Rectangle

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



113.5540, 4.4920, 6.7000



113.5780, 13.1120, 4.6640



110.1470, -5.0880, -6.9120



109.8240, -14.3040, -5.0880

Sweetspot

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



113.5540, 4.4920, 6.7000



154.9510, 1.6960, 2.3040



110.1940, -3.3020, 4.7780



77.2390, 0.8250, 1.5690



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.



113.5540, 4.4920, 6.7000



144.7440, 7.0130, 10.5730



112.7560, 6.7390, 4.5230



57.3640, 1.9710, 2.8270



49.5730, 40.1530, 59.7770



99.9720, 80.8560, 120.6000

Inverse Universe

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



113.5540, 4.4920, 6.7000



144.7440, 7.0130, 10.5730



117.2440, -6.7390, -4.5230



57.3640, 1.9710, 2.8270



49.5730, 40.1530, 59.7770



99.9720, 80.8560, 120.6000

Previews

White Background



This preview shows how the YIQ color 113.5540, 4.4920, 6.7000 looks on a white background.

Color Contrast Check

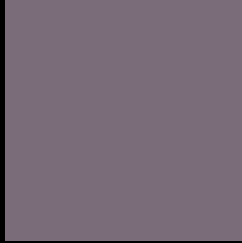
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.5540, 4.4920, 6.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

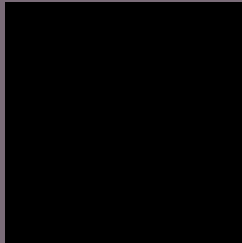
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.5540, 4.4920, 6.7000

Background



This preview shows how black text looks on a background with the YIQ color 113.5540, 4.4920, 6.7000.



This preview shows how white text looks on a background with the YIQ color 113.5540, 4.4920,

6.7000.

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

113.5540, 4.4920, 6.7000

Protanopia

112.2540, -3.5310, 3.4210

Deuteranopia

113.5430, 3.0250, 5.7530



Tritanopia

113.2120, 5.4550, 5.7670

Trichromacy



Original Color

113.5540, 4.4920, 6.7000

Protanomaly

112.7490, -0.5510, 4.4810

Deuteranomaly

113.8420, 3.6210, 5.9650

Tritanomaly

113.3260, 5.1340, 6.0780

Monochromacy



Original Color

113.5540, 4.4920, 6.7000

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9510, 1.6960, 2.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.5540, 4.4920, 6.7000 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(122, 108, 120)` looks like.

```
.text, #text, p{  
    color:rgb(122, 108, 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(122, 108, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 108, 120) }
```

Border

The CSS property to change the border of an element to YIQ 113.5540, 4.4920, 6.7000 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(122, 108, 120) }
```


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

```
.border{ border-color:rgb(122, 108, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 108, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 108, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 108, 120);  
box-shadow:4px 4px 4px 4px rgb(122, 108,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 113.5540, 4.4920, 6.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 108, 120) }
```

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

```
.background{ background-color: rgb(122,  
108, 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](#).

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