

Converting Colors

YIQ(115.8530, 5.0880, 6.9120)

Have a look what the booklet for
YIQ(115.8530, 5.0880, 6.9120)
contains.

YIQ(115.8530, 5.0880, 6.9120)	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(115.8530, 5.0880,
6.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6E7A
RGB	125, 110, 122
RGB Percent	49%, 43%, 48%
CMY	0.5098, 0.5686, 0.5216
CMYK	0.00, 0.12, 0.02, 0.51
HSL	312°, 6%, 46%
HSV	312°, 12%, 49%
XYZ	17.5473, 16.9165, 20.7536
YIQ	115.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

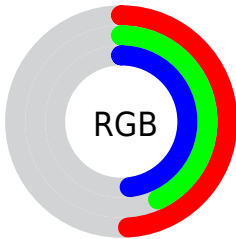
Format	Color
R_{YB}	125, 110, 122
Decimal	8220282
CIE Lab	48.15, 8.18, -4.49
CIE LCh	48, 9.327, 331.234
Yxy	16.9165, 0.3178, 0.3064
Android (android.graphics.Color)	4286410362 (0xFF7D6E7A)
YUV	115.8530, 3.0305, 8.0219
Hunter-Lab	41.1297, 4.1772, -1.1263

Details

The YIQ color **115.8530, 5.0880, 6.9120** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **119.1470, -5.0880, -6.9120**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1520, 5.6840, 7.1240**, and **67.4400, 4.8130, 6.3890** is the 20% darker color. If you saturate the color by 10%, you get **107.8800, 9.6260, 12.7780**, and if you desaturate by 10%, it is **123.2390, 0.8250, 1.5690**.

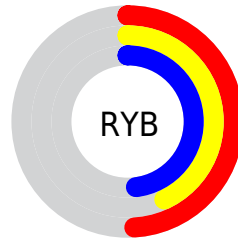
Distribution



Red (49%)

Green (43%)

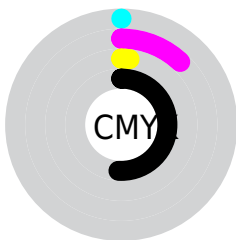
Blue (48%)



Red (49%)

Yellow (43%)

Blue (48%)

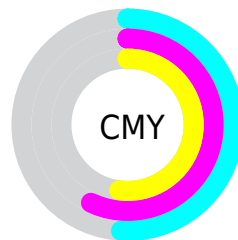


Cyan (0%)

Magenta (12%)

Yellow (2%)

Black (51%)



Cyan (51%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.8530, 5.0880, 6.9120 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 115.8530, 5.0880, 6.9120 by changing the saturation by 10% instead.

■ 115.8530, 5.0880,
6.9120

■ 115.8530, 5.0880,
6.9120

■ 255.0000, -0.0000,
-0.0000

■ 91.4400, 4.8130,
6.3890

■ 168.1520, 5.6840,
7.1240

■ 67.4400, 4.8130,
6.3890

■ 195.2660, 5.3630,
7.4350

■ 45.1410, 4.2170,
6.1770

■ 222.6790, 5.6380,
7.9580

■ 24.7280, 3.9420,
5.6540

■ 249.1300, 2.7500,
5.2300

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 115.8530, 5.0880,
6.9120

■ 115.8530, 5.0880,
6.9120

■ 107.8800, 9.6260,
12.7780

■ 123.2390, 0.8250,
1.5690

■ 100.6080, 13.5680,
18.4320

■ 131.0980, -3.3920,
-4.6080

■ 92.6350, 18.1060,
24.2980

■ 139.0710, -7.9300,
-10.4740

■ 85.3630, 22.0480,
29.9520

■ 146.3430,
-11.8720, -16.1280

■ 77.3900, 26.5860,
35.8180

■ 154.3160,
-16.4100, -21.9940

■ 70.1180, 30.5280,
41.4720

■ 161.5880,
-20.3520, -27.6480

■ 62.1450, 35.0660,
47.3380

■ 169.5610,
-24.8900, -33.5140

■ 54.8730, 39.0080,

■ 176.8330,

52.9920

-28.8320, -39.1680

■ 48.7750, 42.4000,
57.6000

■ 184.8060,
-33.3700, -45.0340

Harmonies

Analogous

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



115.0200, -2.7520, 5.8240



115.8530, 5.0880, 6.9120



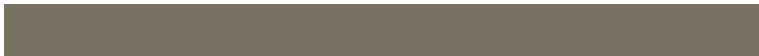
115.8490, 10.9110, 6.0070

Triad

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



115.8530, 5.0880, 6.9120



114.0840, 8.3910, -3.3930



111.8670, -15.8630, -4.3670

Complementary

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



115.8530, 5.0880, 6.9120



119.1470, -5.0880, -6.9120

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.



111.5530, -12.1030, -6.4310



115.8530, 5.0880, 6.9120



113.0940, 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.



115.8530, 5.0880, 6.9120



114.6440, 12.7460, 0.2820



112.2610, -5.4090, -6.6010



112.5730, -14.8550, -0.6070

Rectangle

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



115.8530, 5.0880, 6.9120



115.5780, 13.1120, 4.6640



112.2610, -5.4090, -6.6010



111.6390, -15.2210, -4.9890

Sweetspot

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



115.8530, 5.0880, 6.9120



159.3640, 1.9710, 2.8270



112.6070, -3.0270, 5.3010



79.5380, 1.4210, 1.7810



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



115.8530, 5.0880, 6.9120



149.0430, 7.6090, 10.7850



115.0550, 7.3350, 4.7350



59.6630, 2.5670, 3.0390



49.9000, 43.5460, 58.8580



0.0000, 0.0000, 0.0000

Inverse Universe

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



115.8530, 5.0880, 6.9120



149.0430, 7.6090, 10.7850



120.0590, -7.6560, -4.4240



59.6630, 2.5670, 3.0390



49.9000, 43.5460, 58.8580



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 115.8530, 5.0880, 6.9120 looks on a white background.

Color Contrast Check

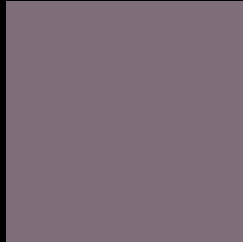
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.8530, 5.0880, 6.9120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

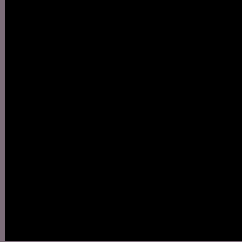
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.8530, 5.0880, 6.9120

Background



This preview shows how black text looks on a background with the YIQ color 115.8530, 5.0880, 6.9120.



This preview shows how white text looks on a background with the YIQ color 115.8530, 5.0880,

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

115.8530, 5.0880, 6.9120

Protanopia

115.1400, -3.2100, 3.1100

Deuteranopia

115.5430, 3.0250, 5.7530



Tritanopia

115.5110, 6.0510, 5.9790

Trichromacy



Original Color

115.8530, 5.0880, 6.9120

Protanomaly

115.6350, -0.2300, 4.1700

Deuteranomaly

115.8420, 3.6210, 5.9650

Tritanomaly

115.6250, 5.7300, 6.2900

Monochromacy



Original Color

115.8530, 5.0880, 6.9120

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9510, 1.6960, 2.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.8530, 5.0880, 6.9120 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(125, 110, 122)` looks like.

```
.text, #text, p{  
    color:rgb(125, 110, 122)  
}
```

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(125, 110, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 110, 122) }
```

Border

The CSS property to change the border of an element to YIQ 115.8530, 5.0880, 6.9120 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(125, 110, 122) }
```


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

```
.border{ border-color:rgb(125, 110, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 110, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 110, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 110, 122);  
box-shadow:4px 4px 4px 4px rgb(125, 110,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 115.8530, 5.0880, 6.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 110, 122) }
```

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

```
.background{ background-color: rgb(125,  
110, 122) }
```

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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