

Converting Colors

YIQ(116.7110, -6.5560, -2.3320)

Have a look what the booklet for
YIQ(116.7110, -6.5560, -2.3320)
contains.

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Color

**YIQ(116.7110, -6.5560,
-2.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7878
RGB	109, 120, 120
RGB Percent	43%, 47%, 47%
CMY	0.5726, 0.5294, 0.5294
CMYK	0.09, 0.00, 0.00, 0.53
HSL	180°, 5%, 45%
HSV	180°, 9%, 47%
XYZ	16.4126, 18.0407, 20.3844
YIQ	116.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

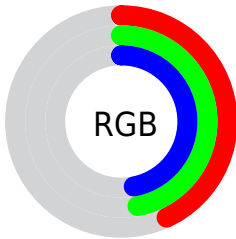
Format	Color
RYB	109, 115, 120
Decimal	7174264
CIELab	49.55, -4.09, -1.40
CIELCh	50, 4.327, 198.927
Yxy	18.0407, 0.2993, 0.3290
Android (android.graphics.Color)	4285364344 (0xFF6D7878)
YUV	116.7110, 1.6215, -6.7625
Hunter-Lab	42.4744, -5.3556, 1.2776

Details

The YIQ color **116.7110, -6.5560, -2.3320** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.2890, 6.5560, 2.3320**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7110, -6.5560, -2.3320**, and **68.7110, -6.5560, -2.3320** is the 20% darker color. If you saturate the color by 10%, you get **113.1230, -13.7080, -4.8760**, and if you desaturate by 10%, it is **120.2990, 0.5960, 0.2120**.

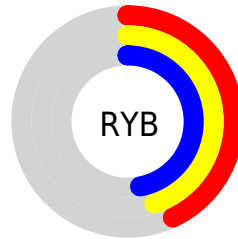
Distribution



Red (43%)

Green (47%)

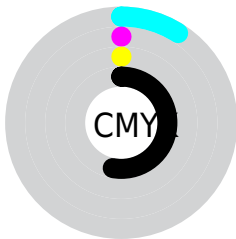
Blue (47%)



Red (43%)

Yellow (45%)

Blue (47%)

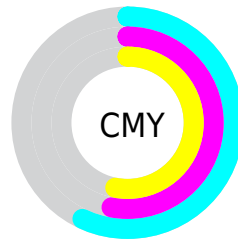


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (53%)



Cyan (57%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.7110, -6.5560, -2.3320 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 116.7110, -6.5560, -2.3320 by changing the saturation by 10% instead.

■ 116.7110, -6.5560,
-2.3320

■ 116.7110, -6.5560,
-2.3320

■ 255.0000, -0.0000,
-0.0000

■ 92.0100, -5.9600,
-2.1200

■ 168.7110, -6.5560,
-2.3320

■ 68.7110, -6.5560,
-2.3320

■ 196.4120, -7.1520,
-2.5440

■ 46.3090, -5.3640,
-1.9080

■ 224.1130, -7.7480,
-2.7560

■ 25.3090, -5.3640,
-1.9080

■ 251.7110, -6.5560,
-2.3320

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 116.7110, -6.5560,
-2.3320

■ 116.7110, -6.5560,
-2.3320

■ 113.1230,
-13.7080, -4.8760

■ 120.2990, 0.5960,
0.2120

■ 109.5350,
-20.8600, -7.4200

■ 123.8870, 7.7480,
2.7560

■ 105.9470,
-28.0120, -9.9640

■ 127.4750, 14.9000,
5.3000

■ 102.3590,
-35.1640, -12.5080

■ 131.0630, 22.0520,
7.8440

■ 98.7710, -42.3160,
-15.0520

■ 134.6510, 29.2040,
10.3880

■ 95.1830, -49.4680,
-17.5960

■ 138.2390, 36.3560,
12.9320

■ 91.5950, -56.6200,
-20.1400

■ 141.8270, 43.5080,
15.4760

■ 88.0070, -63.7720,

■ 145.4150, 50.6600,

-22.6840

18.0200

■ 84.4190, -70.9240,
-25.2280

■ 149.0030, 57.8120,
20.5640

Harmonies

Analogous

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



116.8530, -4.0800, -3.1520



116.7110, -6.5560, -2.3320



116.7650, -6.6480, -0.6640

Triad

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



116.7110, -6.5560, -2.3320



118.2930, 0.7330, 3.2370



117.8110, 4.9060, -0.8060

Complementary

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



116.7110, -6.5560, -2.3320



112.2890, 6.5560, 2.3320

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.



118.2350, 6.6480, 0.6640



116.7110, -6.5560, -2.3320



118.4460, 4.6760, 3.3640

Square

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



116.7110, -6.5560, -2.3320



117.9120, -2.5680, 2.4880



118.4030, 6.2350, 2.6430



117.2020, 2.2470, -2.1770

Rectangle

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



116.7110, -6.5560, -2.3320



117.1780, -6.3730, -0.1410



118.4030, 6.2350, 2.6430



118.1100, 5.5020, -0.5940

Sweetspot

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



116.7110, -6.5560, -2.3320



154.5050, -2.9800, -1.0600



115.4570, -3.0250, -5.7530



78.1030, -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.



116.7110, -6.5560, -2.3320



150.6180, -10.7280, -3.8160



113.7760, -5.1810, 0.2830



59.2060, -3.5760, -1.2720



87.6250, -74.5000, -26.5000



176.6520, -150.1920, -53.4240

Inverse Universe

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



112.2890, 6.5560, 2.3320



143.3820, 10.7280, 3.8160



115.2240, 5.1810, -0.2830



56.7940, 3.5760, 1.2720



37.3750, 74.5000, 26.5000



75.3480, 150.1920, 53.4240

Previews

White Background



This preview shows how the YIQ color 116.7110, -6.5560, -2.3320 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 116.7110, -6.5560, -2.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

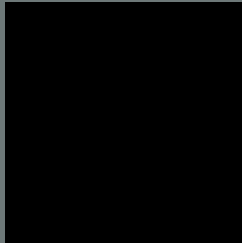
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

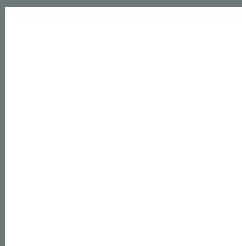
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 116.7110, -6.5560, -2.3320

Background



This preview shows how black text looks on a background with the YIQ color 116.7110, -6.5560, -2.3320.



This preview shows how white text looks on a background with the YIQ color 116.7110, -6.5560,

-2.3320.

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

116.7110, -6.5560, -2.3320

Protanopia

117.7120, 0.8710, 0.7350

Deuteranopia

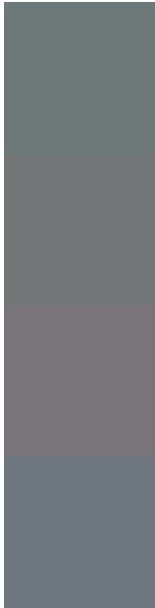
118.6850, 5.5010, 4.9330



Tritanopia

117.3350, -8.2530, 0.8910

Trichromacy



Original Color

116.7110, -6.5560, -2.3320

Protanomaly

117.2170, -2.1090, -0.3250

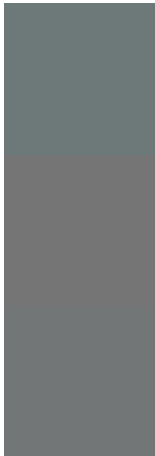
Deuteranomaly

117.7660, 0.7790, 2.4030

Tritanomaly

116.9930, -7.2900, -0.0420

Monochromacy



Original Color

116.7110, -6.5560, -2.3320

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.8040, -2.3840, -0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.7110, -6.5560, -2.3320 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(109, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(109, 120, 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(109, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 120, 120) }
```

Border

The CSS property to change the border of an element to YIQ 116.7110, -6.5560, -2.3320 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(109, 120, 120) }
```


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

```
.border{ border-color:rgb(109, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(109, 120,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 116.7110, -6.5560, -2.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 120, 120) }
```

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

```
.background{ background-color: rgb(109,  
120, 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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