

Converting Colors

YIQ(114.7210, -3.3480, 5.6120)

Have a look what the booklet for
YIQ(114.7210, -3.3480, 5.6120)
contains.

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Color

**YIQ(114.7210, -3.3480,
5.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	737080
RGB	115, 112, 128
RGB Percent	45%, 44%, 50%
CMY	0.5490, 0.5608, 0.4981
CMYK	0.10, 0.12, 0.00, 0.50
HSL	251°, 7%, 47%
HSV	251°, 12%, 50%
XYZ	16.7607, 16.7915, 22.7775
YIQ	114.7210, -3.3480, 5.6120

Conversions

Conversions Part 2

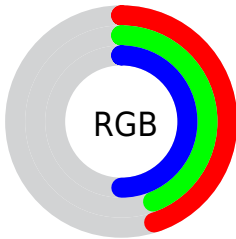
Format	Color
R_{YB}	115, 112, 128
Decimal	7565440
CIE _{Lab}	48.00, 4.54, -8.39
CIE _{LCh}	48, 9.537, 298.419
Yxy	16.7915, 0.2975, 0.2981
Android (android.graphics.Color)	4285755520 (0xFF737080)
YUV	114.7210, 6.5465, 0.2447
Hunter-Lab	40.9775, 1.2998, -4.2724

Details

The YIQ color **114.7210, -3.3480, 5.6120** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **125.2790, 3.3480, -5.6120**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8350, -3.6690, 5.9230**, and **66.6070, -3.0270, 5.3010** is the 20% darker color. If you saturate the color by 10%, you get **104.1000, -5.7330, 10.2910**, and if you desaturate by 10%, it is **125.3420, -0.9630, 0.9330**.

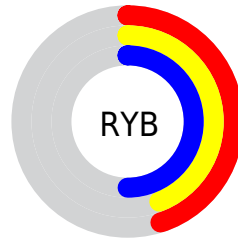
Distribution



Red (45%)

Green (44%)

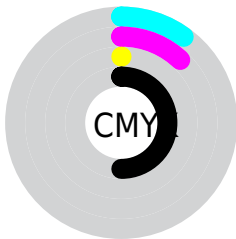
Blue (50%)



Red (45%)

Yellow (44%)

Blue (50%)

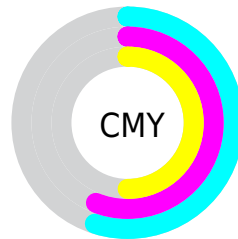


Cyan (10%)

Magenta (12%)

Yellow (0%)

Black (50%)



Cyan (55%)

Magenta (56%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.7210, -3.3480, 5.6120 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 114.7210, -3.3480, 5.6120 by changing the saturation by 10% instead.

■ 114.7210, -3.3480,
5.6120

■ 114.7210, -3.3480,
5.6120

■ 255.0000, -0.0000,
-0.0000

■ 90.3080, -3.6230,
5.0890

■ 166.8350, -3.6690,
5.9230

■ 66.6070, -3.0270,
5.3010

■ 193.8350, -3.6690,
5.9230

■ 44.4930, -2.7060,
4.9900

■ 221.9490, -3.9900,
6.2340

■ 24.0800, -2.9810,
4.4670

■ 249.1080, -0.1840,
3.3360

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 114.7210, -3.3480,
5.6120

■ 114.7210, -3.3480,
5.6120

■ 104.1000, -5.7330,
10.2910

■ 125.3420, -0.9630,
0.9330

■ 93.1800, -8.7140,
14.7580

■ 136.2620, 2.0180,
-3.5340

■ 83.1460, -11.3740,
18.9140

■ 146.2960, 4.6780,
-7.6900

■ 72.2260, -14.3550,
23.3810

■ 157.2160, 7.6590,
-12.1570

■ 61.6050, -16.7400,
28.0600

■ 167.8370, 10.0440,
-16.8360

■ 50.9840, -19.1250,
32.7390

■ 178.4580, 12.4290,
-21.5150

■ 40.0640, -22.1060,
37.2060

■ 189.3780, 15.4100,
-25.9820

■ 30.0300, -24.7660,

■ 199.4120, 18.0700,

41.3620

-30.1380

■ 21.7680, -26.7840,
44.8960

■ 210.3320, 21.0510,
-34.6050

Harmonies

Analogous

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



113.7200, -10.7750, 2.5450



114.7210, -3.3480, 5.6120



115.5540, 4.4920, 6.7000

Triad

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



114.7210, -3.3480, 5.6120



114.8290, 13.6630, 0.1830



111.4390, -11.7820, -6.7420

Complementary

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



114.7210, -3.3480, 5.6120



125.2790, 3.3480, -5.6120

Split Complementary

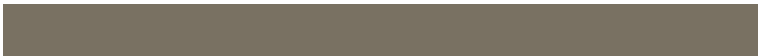
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



112.0330, -4.7670, -7.2230



114.7210, -3.3480, 5.6120



113.6820, 9.5830, -2.9690

Square

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



114.7210, -3.3480, 5.6120



115.3500, 13.7540, 4.0420



112.9800, 2.7520, -5.8240



110.8670, -15.8630, -4.3670

Rectangle

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



114.7210, -3.3480, 5.6120



115.5930, 8.7560, 6.5160



112.9800, 2.7520, -5.8240



111.1080, -9.3520, -6.7280

Sweetspot

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



114.7210, -3.3480, 5.6120



160.0970, -1.6510, 2.3890



121.4550, -8.7110, -1.8230



80.7550, -0.6880, 1.4560



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



114.7210, -3.3480, 5.6120



145.3450, -5.0450, 8.8350



117.1130, 1.4200, 7.3080



58.3960, -1.0550, 2.6010



21.7680, -26.7840, 44.8960



0.0000, 0.0000, 0.0000

Inverse Universe

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



118.2660, 5.3630, 7.4350



150.7550, 8.4800, 11.5200



122.8870, -1.4200, -7.3080



59.7770, 2.2460, 3.3500



50.1280, 42.9040, 59.4800



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 114.7210, -3.3480, 5.6120 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 114.7210, -3.3480, 5.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

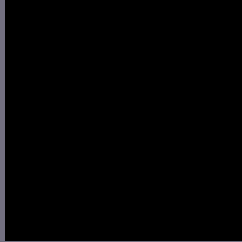
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.7210, -3.3480, 5.6120

Background



This preview shows how black text looks on a background with the YIQ color 114.7210, -3.3480, 5.6120.



This preview shows how white text looks on a background with the YIQ color 114.7210, -3.3480,

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

114.7210, -3.3480, 5.6120

Protanopia

114.5250, -5.7320, 4.7640

Deuteranopia

115.0310, -1.2850, 6.7710



Tritanopia

114.3250, -2.2930, 3.0110

Trichromacy



Original Color

114.7210, -3.3480, 5.6120

Protanomaly

114.8240, -5.1360, 4.9760

Deuteranomaly

114.7320, -1.8810, 6.5590

Tritanomaly

114.5530, -2.9350, 3.6330

Monochromacy



Original Color

114.7210, -3.3480, 5.6120

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9830, -1.3300, 2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.7210, -3.3480, 5.6120 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(115, 112, 128)` looks like.

```
.text, #text, p{  
    color:rgb(115, 112, 128)  
}
```

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(115, 112, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 112, 128) }
```

Border

The CSS property to change the border of an element to YIQ 114.7210, -3.3480, 5.6120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

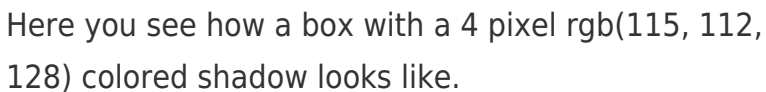
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 112, 128) }
```


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

```
.border{ border-color:rgb(115, 112, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 112, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 112, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 112, 128);  
box-shadow:4px 4px 4px 4px rgb(115, 112,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 114.7210, -3.3480, 5.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 112, 128) }
```

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

```
.background{ background-color: rgb(115,  
112, 128) }
```

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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