

Converting Colors

YIQ(112.0470, -7.3820, 1.6260)

Have a look what the booklet for
YIQ(112.0470, -7.3820, 1.6260)
contains.

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Color

**YIQ(112.0470, -7.3820,
1.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	6A717B
RGB	106, 113, 123
RGB Percent	42%, 44%, 48%
CMY	0.5843, 0.5568, 0.5177
CMYK	0.14, 0.08, 0.00, 0.52
HSL	215°, 7%, 45%
HSV	215°, 14%, 48%
XYZ	15.4236, 16.3047, 21.0700
YIQ	112.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

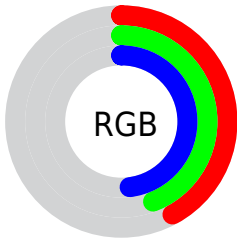
Format	Color
R _Y B	106, 111, 123
Decimal	6975867
CIE Lab	47.37, -0.43, -6.42
CIE LCh	47, 6.435, 266.140
Yxy	16.3047, 0.2921, 0.3088
Android (android.graphics.Color)	4285165947 (0xFF6A717B)
YUV	112.0470, 5.3998, -5.3032
Hunter-Lab	40.3791, -2.4821, -2.6724

Details

The YIQ color **112.0470, -7.3820, 1.6260** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **116.9530, 7.3820, -1.6260**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7480, -7.9780, 1.4140**, and **64.2320, -6.4650, 1.5270** is the 20% darker color. If you saturate the color by 10%, you get **104.3500, -12.6090, 2.7430**, and if you desaturate by 10%, it is **119.7440, -2.1550, 0.5090**.

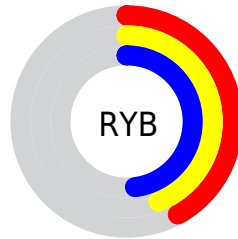
Distribution



Red (42%)

Green (44%)

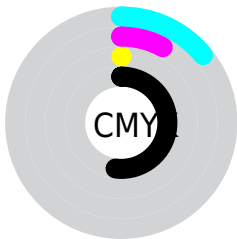
Blue (48%)



Red (42%)

Yellow (44%)

Blue (48%)

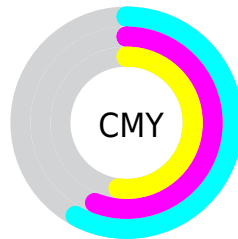


Cyan (14%)

Magenta (8%)

Yellow (0%)

Black (52%)



Cyan (58%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.0470, -7.3820, 1.6260 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 112.0470, -7.3820, 1.6260 by changing the saturation by 10% instead.

■ 112.0470, -7.3820,
1.6260

■ 112.0470, -7.3820,
1.6260

■ 255.0000, -0.0000,
-0.0000

■ 87.9330, -7.0610,
1.3150

■ 163.7480, -7.9780,
1.4140

■ 64.2320, -6.4650,
1.5270

■ 190.8620, -8.2990,
1.7250

■ 42.2320, -6.4650,
1.5270

■ 218.8620, -8.2990,
1.7250

■ 21.8190, -6.7400,
1.0040

■ 246.4060, -7.0150,
0.4810

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 112.0470, -7.3820,
1.6260

■ 112.0470, -7.3820,
1.6260

■ 104.3500,
-12.6090, 2.7430

■ 119.7440, -2.1550,
0.5090

■ 96.3540, -18.4320,
3.6480

■ 127.7400, 3.6680,
-0.3960

■ 88.0700, -23.3840,
5.2880

■ 136.0240, 8.6200,
-2.0360

■ 80.3730, -28.6110,
6.4050

■ 143.7210, 13.8470,
-3.1530

■ 72.6760, -33.8380,
7.5220

■ 151.4180, 19.0740,
-4.2700

■ 64.6800, -39.6610,
8.4270

■ 159.4140, 24.8970,
-5.1750

■ 56.3960, -44.6130,
10.0670

■ 167.6980, 29.8490,
-6.8150

■ 48.6990, -49.8400,

■ 175.3950, 35.0760,

11.1840

-7.9320

■ 43.9590, -53.5080,
11.5800

■ 183.3910, 40.8990,
-8.8370

Harmonies

Analogous

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



111.4980, -10.2700, -1.1020



112.0470, -7.3820, 1.6260



112.8520, -2.3390, 3.8450

Triad

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



112.0470, -7.3820, 1.6260



113.3710, 9.2610, 2.8690



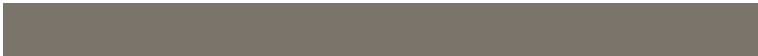
110.9840, -3.0710, -4.9190

Complementary

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



112.0470, -7.3820, 1.6260



116.9530, 7.3820, -1.6260

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.



111.5610, 2.6140, -3.3220



112.0470, -7.3820, 1.6260



112.9040, 9.0780, 0.6780

Square

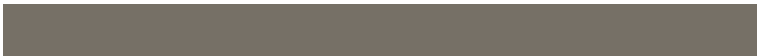
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



112.0470, -7.3820, 1.6260



113.6420, 7.0600, 4.2120



112.6540, 6.7860, -1.8380



110.9450, -7.3350, -4.7350

Rectangle

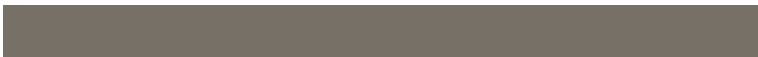
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



112.0470, -7.3820, 1.6260



113.2330, 0.9620, 4.5940



112.6540, 6.7860, -1.8380



110.8810, -1.2830, -4.2830

Sweetspot

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



112.0470, -7.3820, 1.6260



156.5590, -3.0720, 0.6080



117.1190, -7.8850, -5.7810



79.0430, -1.5590, 0.7210



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.



112.0470, -7.3820, 1.6260



143.2360, -12.2880, 2.4320



108.2370, -4.8610, 5.4990



57.4450, -2.7510, 0.2970



44.7740, -54.4250, 11.6790



89.7760, -109.4920, 23.9800

Inverse Universe

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



111.8810, 7.8850, 5.7810



142.7400, 12.8360, 9.6680



120.7630, 4.8610, -5.4990



57.1360, 2.6130, 2.2050



43.3030, 57.8080, 42.6720



87.2040, 116.8080, 85.7680

Previews

White Background



This preview shows how the YIQ color 112.0470, -7.3820, 1.6260 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 112.0470, -7.3820, 1.6260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

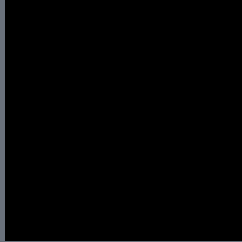
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

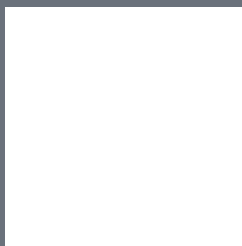
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 112.0470, -7.3820, 1.6260

Background



This preview shows how black text looks on a background with the YIQ color 112.0470, -7.3820, 1.6260.

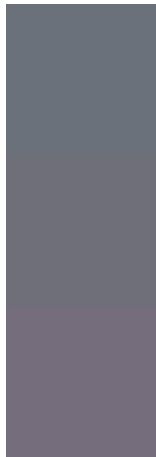


This preview shows how white text looks on a background with the YIQ color 112.0470, -7.3820,

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

112.0470, -7.3820, 1.6260

Protanopia

112.2540, -3.5310, 3.4210

Deuteranopia

113.4010, 0.5490, 6.5730



Tritanopia

111.9330, -7.0610, 1.3150

Trichromacy



Original Color

112.0470, -7.3820, 1.6260

Protanomaly

112.2430, -4.9980, 2.4740

Deuteranomaly

112.7920, -2.1100, 5.2020

Tritanomaly

111.9330, -7.0610, 1.3150

Monochromacy



Original Color

112.0470, -7.3820, 1.6260

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.8580, -2.4760, 0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.0470, -7.3820, 1.6260 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(106, 113, 123)` looks like.

```
.text, #text, p{  
    color:rgb(106, 113, 123)  
}
```

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(106, 113, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 113, 123) }
```

Border

The CSS property to change the border of an element to YIQ 112.0470, -7.3820, 1.6260 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(106, 113, 123) }
```


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

```
.border{ border-color:rgb(106, 113, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 113, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 113, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 113, 123);  
box-shadow:4px 4px 4px 4px rgb(106, 113,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 112.0470, -7.3820, 1.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 113, 123) }
```

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

```
.background{ background-color: rgb(106,  
113, 123) }
```

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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