

Converting Colors

YIQ(112.9750, -6.8790, 9.0330)

Have a look what the booklet for
YIQ(112.9750, -6.8790, 9.0330)
contains.

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Color

**YIQ(112.9750, -6.8790,
9.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	706D88
RGB	112, 109, 136
RGB Percent	44%, 43%, 53%
CMY	0.5608, 0.5725, 0.4667
CMYK	0.18, 0.20, 0.00, 0.47
HSL	247°, 11%, 48%
HSV	247°, 20%, 53%
XYZ	16.5944, 16.1594, 25.5324
YIQ	112.9750, -6.8790, 9.0330

Conversions

Conversions Part 2

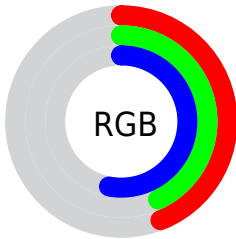
Format	Color
R _Y B	112, 109, 136
Decimal	7368072
CIE Lab	47.18, 7.11, -14.40
CIE LCh	47, 16.058, 296.300
Yxy	16.1594, 0.2847, 0.2772
Android (android.graphics.Color)	4285558152 (0xFF706D88)
YUV	112.9750, 11.3513, -0.8551
Hunter-Lab	40.1987, 3.3388, -9.5192

Details

The YIQ color $112.9750, -6.8790, 9.0330$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $132.0250, 6.8790, -9.0330$, and the grayscale version is $113.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $164.5020, -6.9250, 9.8670$, and $65.3340, -6.5120, 7.8880$ is the 20% darker color. If you saturate the color by 10%, you get $101.1690, -10.1810, 13.8110$, and if you desaturate by 10%, it is $124.7810, -3.5770, 4.2550$.

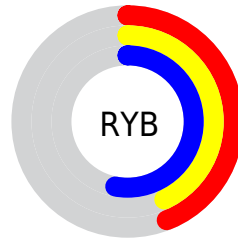
Distribution



 Red (44%)

 Green (43%)

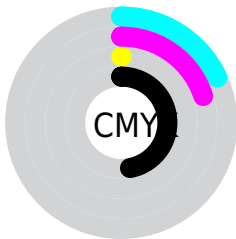
 Blue (53%)



 Red (44%)

 Yellow (43%)

 Blue (53%)

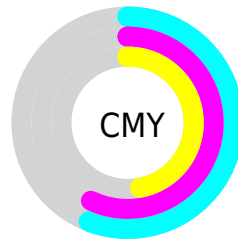


 Cyan (18%)

 Magenta (20%)

 Yellow (0%)

 Black (47%)



 Cyan (56%)

 Magenta (57%)

 Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.9750, -6.8790, 9.0330 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 112.9750, -6.8790, 9.0330 by changing the saturation by 10% instead.

■ 112.9750, -6.8790,
9.0330

■ 112.9750, -6.8790,
9.0330

■ 255.0000, -0.0000,
-0.0000

■ 88.5620, -7.1540,
8.5100

■ 164.5020, -6.9250,
9.8670

■ 65.3340, -6.5120,
7.8880

■ 191.6160, -7.2460,
10.1780

■ 42.9210, -6.7870,
7.3650

■ 219.7300, -7.5670,
10.4890

■ 22.3940, -6.7410,
6.5310

■ 246.4500, -1.1470,
4.2690

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 112.9750, -6.8790,
9.0330

■ 112.9750, -6.8790,
9.0330

■ 101.1690,
-10.1810, 13.8110

■ 124.7810, -3.5770,
4.2550

■ 89.9500, -13.7580,
18.0660

■ 136.0000, -0.0000,
0.0000

■ 78.1440, -17.0600,
22.8440

■ 147.8060, 3.3020,
-4.7780

■ 66.9250, -20.6370,
27.0990

■ 159.0250, 6.8790,
-9.0330

■ 55.1190, -23.9390,
31.8770

■ 170.8310, 10.1810,
-13.8110

■ 43.3130, -27.2410,
36.6550

■ 182.9360, 14.0790,
-18.3770

■ 31.7950, -31.4140,
40.6980


■ 194.1550, 17.6560,
-22.6320

■ 19.9890, -34.7160,

■ 205.9610, 20.9580,

45.4760

-27.4100

 217.1800, 24.5350,
-31.6650

Harmonies

Analogous

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



110.8700, -19.9450, 3.5350



112.9750, -6.8790, 9.0330



114.3850, 6.6460, 11.7180

Triad

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



112.9750, -6.8790, 9.0330



112.8470, 22.4200, 1.1720



107.1990, -20.0340, -11.3780

Complementary

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



112.9750, -6.8790, 9.0330



132.0250, 6.8790, -9.0330

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.



108.4300, -7.5630, -11.6190



112.9750, -6.8790, 9.0330



111.3360, 16.3690, -4.8070

Square

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



112.9750, -6.8790, 9.0330



113.8350, 22.6940, 7.2220



110.1280, 5.0910, -9.6690



106.0010, -28.1040, -8.2960

Rectangle

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



112.9750, -6.8790, 9.0330



114.3920, 13.9360, 11.7600



110.1280, 5.0910, -9.6690



106.9390, -16.3660, -11.7740

Sweetspot

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



112.9750, -6.8790, 9.0330



166.8520, -2.3390, 3.8450



126.1660, -15.2670, -4.1550



83.9830, -1.3300, 2.0780



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



112.9750, -6.8790, 9.0330



139.9840, -11.0980, 13.9100



116.8620, 0.8690, 11.7890



63.0970, -1.6510, 2.3890



19.6470, -33.7530, 44.5430



0.8690, -1.0090, 1.7670

Inverse Universe

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



119.8090, 8.3880, 13.1880



150.7760, 13.1550, 20.4110



128.1380, -0.8690, -11.7890



64.7770, 2.2460, 3.3500



53.2190, 41.3900, 64.8940



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 112.9750, -6.8790, 9.0330 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 112.9750, -6.8790, 9.0330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

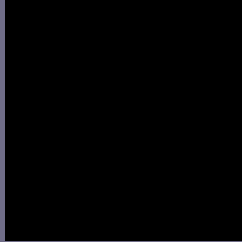
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.9750, -6.8790, 9.0330

Background



This preview shows how black text looks on a background with the YIQ color 112.9750, -6.8790, 9.0330.



This preview shows how white text looks on a background with the YIQ color 112.9750, -6.8790,

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

112.9750, -6.8790, 9.0330

Protanopia

112.4690, -11.3260, 7.0260

Deuteranopia

112.6760, -7.4750, 8.8210



Tritanopia

112.1290, -4.6770, 2.1630

Trichromacy



Original Color

112.9750, -6.8790, 9.0330

Protanomaly

112.4800, -9.8590, 7.9730

Deuteranomaly

112.6760, -7.4750, 8.8210

Tritanomaly

112.4110, -5.4110, 4.4530

Monochromacy



Original Color

112.9750, -6.8790, 9.0330

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.3250, -2.2930, 3.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.9750, -6.8790, 9.0330 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(112, 109, 136)` looks like.

```
.text, #text, p{  
    color:rgb(112, 109, 136)  
}
```

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(112, 109, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 109, 136) }
```

Border

The CSS property to change the border of an element to YIQ 112.9750, -6.8790, 9.0330 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(112, 109, 136) }
```


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

```
.border{ border-color:rgb(112, 109, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 109, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 109, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 109, 136);  
box-shadow:4px 4px 4px 4px rgb(112, 109,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 112.9750, -6.8790, 9.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 109, 136) }
```

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

```
.background{ background-color: rgb(112,  
109, 136) }
```

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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