

Converting Colors

YIQ(115.3750, -13.7570,
12.5390)

Have a look what the booklet for
YIQ(115.3750, -13.7570, 12.5390)
contains.

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Color

**YIQ(115.3750, -13.7570,
12.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6F98
RGB	110, 111, 152
RGB Percent	43%, 44%, 60%
CMY	0.5686, 0.5647, 0.4040
CMYK	0.28, 0.27, 0.00, 0.40
HSL	239°, 17%, 51%
HSV	239°, 28%, 60%
XYZ	17.7813, 16.9506, 32.0309
YIQ	115.3750, -13.7570, 12.5390

Conversions

Conversions Part 2

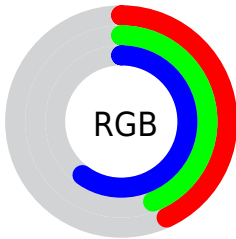
Format	Color
RYB	110, 111, 152
Decimal	7237528
CIELab	48.20, 9.25, -22.33
CIELCh	48, 24.169, 292.502
Yxy	16.9506, 0.2663, 0.2539
Android (android.graphics.Color)	4285427608 (0xFF6E6F98)
YUV	115.3750, 18.0561, -4.7139
Hunter-Lab	41.1712, 5.0425, -17.3075

Details

The YIQ color **115.3750, -13.7570, 12.5390** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **146.6250, 13.7570, -12.5390**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6030, -14.3990, 13.1610**, and **66.7340, -13.3900, 11.3940** is the 20% darker color. If you saturate the color by 10%, you get **102.0850, -18.5720, 17.2040**, and if you desaturate by 10%, it is **128.6650, -8.9420, 7.8740**.

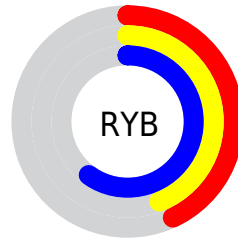
Distribution



Red (43%)

Green (44%)

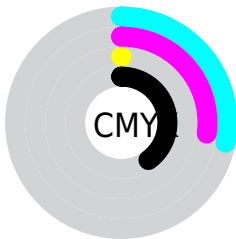
Blue (60%)



Red (43%)

Yellow (44%)

Blue (60%)

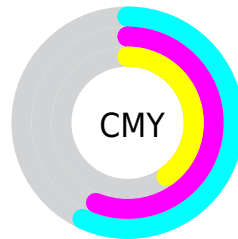


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (40%)



Cyan (57%)

Magenta (56%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.3750, -13.7570, 12.5390 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 115.3750, -13.7570, 12.5390 by changing the saturation by 10% instead.

■ 115.3750,
-13.7570, 12.5390

■ 115.3750,
-13.7570, 12.5390

■ 255.0000, -0.0000,
-0.0000

■ 90.8480, -13.7110,
11.7050

■ 167.6030,
-14.3990, 13.1610

■ 66.7340, -13.3900,
11.3940

■ 195.1300,
-14.4450, 13.9950

■ 44.4950, -14.2150,
9.8250

■ 221.6310,
-11.6020, 12.0300

■ 22.6690, -14.7650,
8.7790

■ 247.3250, -2.2930,
3.0110

■ 4.2350, -10.5470,
9.4290

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,

0.0000

■ 115.3750,
-13.7570, 12.5390

■ 115.3750,
-13.7570, 12.5390

■ 102.0850,
-18.5720, 17.2040

■ 128.6650, -8.9420,
7.8740

■ 88.7950, -23.3870,
21.8690

■ 141.9550, -4.1270,
3.2090

■ 75.2060, -28.7980,
26.3220

■ 155.5440, 1.2840,
-1.2440

■ 62.5030, -33.8880,
30.4640

■ 168.2470, 6.3740,
-5.3860

■ 49.2130, -38.7030,
35.1290

■ 181.5370, 11.1890,
-10.0510

■ 35.9230, -43.5180,
39.7940

■ 194.8270, 16.0040,
-14.7160

■ 22.6330, -48.3330,
44.4590

■ 208.1170, 20.8190,
-19.3810

■ 19.6760, -49.8920,
45.1800

■ 221.7060, 26.2300,
-23.8340

■ 234.9960, 31.0450,
-28.4990

Harmonies

Analogous

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



110.4430, -34.8000, 2.9280



115.3750, -13.7570, 12.5390



117.2590, 7.2410, 17.4570

Triad

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



115.3750, -13.7570, 12.5390



115.3490, 32.6900, 2.2740



105.1220, -30.3030, -18.0070

Complementary

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



115.3750, -13.7570, 12.5390



146.6250, 13.7570, -12.5390

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.



108.9580, -9.3500, -17.7820



115.3750, -13.7570, 12.5390



113.3600, 24.9890, -6.8430

Square

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



115.3750, -13.7570, 12.5390



116.4450, 32.7800, 11.6600



111.7170, 10.5020, -14.1220



102.1340, -47.7720, -15.2920

Rectangle

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



115.3750, -13.7570, 12.5390



117.1310, 19.3450, 18.3610



111.7170, 10.5020, -14.1220



106.7160, -23.2880, -18.4880

Sweetspot

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



115.3750, -13.7570, 12.5390



182.7100, -4.8150, 4.6650



139.3280, -24.7110, -9.2150



91.0260, -2.8890, 2.7990



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



115.3750, -13.7570, 12.5390



139.8830, -20.8190, 19.3810



120.7680, -1.5620, 17.3020



69.9120, -2.5680, 2.4880



17.7210, -45.7650, 41.9710



1.4820, -4.1730, 4.0430

Inverse Universe

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



122.6720, 24.7110, 9.2150



151.2500, 37.8230, 13.8790



141.2320, 1.5620, -17.3020



71.3920, 4.7680, 1.6960



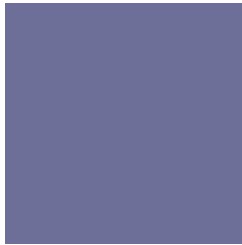
42.2020, 82.4770, 30.6130



3.8870, 7.7480, 2.7560

Previews

White Background



This preview shows how the YIQ color 115.3750, -13.7570, 12.5390 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 115.3750, -13.7570, 12.5390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

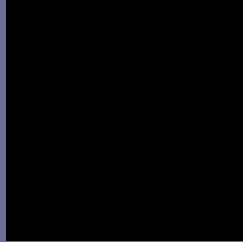
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.3750, -13.7570, 12.5390

Background



This preview shows how black text looks on a background with the YIQ color 115.3750, -13.7570, 12.5390.



This preview shows how white text looks on a background with the YIQ color 115.3750, -13.7570,

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

115.3750, -13.7570, 12.5390

Protanopia

114.5700, -18.8000, 10.3200

Deuteranopia

115.0540, -17.2870, 10.4330



Tritanopia

113.7370, -9.4450, 0.4670

Trichromacy



Original Color

115.3750, -13.7570, 12.5390

Protanomaly

114.8800, -16.7370, 11.4790

Deuteranomaly

115.0650, -15.8200, 11.3800

Tritanomaly

114.3010, -10.9130, 5.0470

Monochromacy



Original Color

115.3750, -13.7570, 12.5390

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.2970, -5.0900, 4.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.3750, -13.7570, 12.5390 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(110, 111, 152)` looks like.

```
.text, #text, p{  
    color:rgb(110, 111, 152)  
}
```

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(110, 111, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 111, 152) }
```

Border

The CSS property to change the border of an element to YIQ 115.3750, -13.7570, 12.5390 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(110, 111, 152) }
```


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

```
.border{ border-color:rgb(110, 111, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 111, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 111, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 111, 152);  
box-shadow:4px 4px 4px 4px rgb(110, 111,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 115.3750, -13.7570, 12.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 111, 152) }
```

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

```
.background{ background-color: rgb(110,  
111, 152) }
```

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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