

Converting Colors

YIQ(115.7100, -22.0100,
13.4300)

Have a look what the booklet for
YIQ(115.7100, -22.0100, 13.4300)
contains.

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Color

**YIQ(115.7100, -22.0100,
13.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	6771A3
RGB	103, 113, 163
RGB Percent	40%, 44%, 64%
CMY	0.5961, 0.5568, 0.3609
CMYK	0.37, 0.31, 0.00, 0.36
HSL	230°, 25%, 52%
HSV	230°, 37%, 64%
XYZ	18.1073, 17.3381, 37.0275
YIQ	115.7100, -22.0100, 13.4300

Conversions

Conversions Part 2

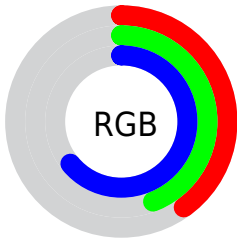
Format	Color
R_{YB}	103, 112, 163
Decimal	6779299
CIE _{Lab}	48.68, 8.89, -28.08
CIE _{LCh}	49, 29.452, 287.577
Yxy	17.3381, 0.2498, 0.2392
Android (android.graphics.Color)	4284969379 (0xFF6771A3)
YUV	115.7100, 23.3140, -11.1467
Hunter-Lab	41.6390, 4.7549, -23.5762

Details

The YIQ color **115.7100, -22.0100, 13.4300** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **150.2900, 22.0100, -13.4300**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3510, -22.3770, 14.5750**, and **66.3570, -22.5140, 11.5500** is the 20% darker color. If you saturate the color by 10%, you get **102.7080, -27.6960, 17.3600**, and if you desaturate by 10%, it is **128.7120, -16.3240, 9.5000**.

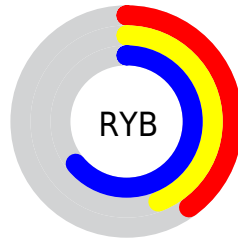
Distribution



Red (40%)

Green (44%)

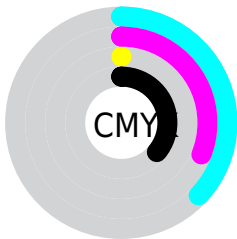
Blue (64%)



Red (40%)

Yellow (44%)

Blue (64%)

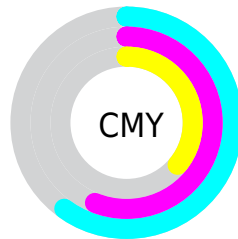


Cyan (37%)

Magenta (31%)

Yellow (0%)

Black (36%)



Cyan (60%)

Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.7100, -22.0100, 13.4300 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 115.7100, -22.0100, 13.4300 by changing the saturation by 10% instead.

■ 115.7100,
-22.0100, 13.4300

■ 115.7100,
-22.0100, 13.4300

■ 255.0000, -0.0000,
-0.0000

■ 91.1830, -21.9640,
12.5960

■ 168.3510,
-22.3770, 14.5750

■ 66.3570, -22.5140,
11.5500

■ 195.5790,
-23.0190, 15.1970

■ 43.7050, -23.6140,
9.4580

■ 221.2990,
-16.5990, 8.9770

■ 20.6830, -26.5480,
7.5640

■ 246.4060, -7.0150,
0.4810

■ 4.6740, -13.1610,
12.7510

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,

0.0000

■ 115.7100,
-22.0100, 13.4300

■ 115.7100,
-22.0100, 13.4300

■ 102.7080,
-27.6960, 17.3600

■ 128.7120,
-16.3240, 9.5000

■ 89.9940, -34.2530,
20.5550

■ 141.4260, -9.7670,
6.3050

■ 76.9920, -39.9390,
24.4850

■ 154.4280, -4.0810,
2.3750

■ 64.5770, -45.9000,
27.8920

■ 166.8430, 1.8800,
-1.0320

■ 51.5750, -51.5860,
31.8220

■ 179.8450, 7.5660,
-4.9620

■ 38.8610, -58.1430,
35.0170

■ 192.5590, 14.1230,
-8.1570

■ 34.4310, -59.7480,
36.5720

■ 205.5610, 19.8090,
-12.0870

■ 218.5630, 25.4950,
-16.0170

■ 231.2770, 32.0520,
-19.2120

Harmonies

Analogous

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



107.6630, -50.1590, 0.4410



115.7100, -22.0100, 13.4300



118.9970, 5.2230, 20.9910

Triad

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



115.7100, -22.0100, 13.4300



116.2360, 40.4380, 5.0300



103.7360, -35.2080, -22.7280

Complementary

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



115.7100, -22.0100, 13.4300



150.2900, 22.0100, -13.4300

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.



109.2200, -7.3320, -21.3160



115.7100, -22.0100, 13.4300



114.9540, 32.0040, -7.3240

Square

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



115.7100, -22.0100, 13.4300



117.6030, 38.3270, 15.7590



112.4740, 15.5000, -16.5960



93.8320, -70.6490, -24.7050

Rectangle

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



115.7100, -22.0100, 13.4300



118.9510, 20.0320, 22.4320



112.4740, 15.5000, -16.5960



105.8250, -25.2130, -22.1490

Sweetspot

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



115.7100, -22.0100, 13.4300



193.0840, -8.8040, 5.3720



143.8060, -32.2290, -16.1410



95.7700, -5.0440, 3.3080



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



115.7100, -22.0100, 13.4300



138.4070, -33.9780, 21.0780



115.5210, -7.9360, 22.6880



75.2000, -3.4390, 1.7530



30.6180, -53.1450, 32.5430



3.8130, -6.6030, 4.0290

Inverse Universe

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



122.0800, 32.5500, 15.8300



148.5170, 50.6130, 24.3810



150.4790, 7.9360, -22.6880



75.9190, 4.7220, 2.5300



46.0910, 78.7160, 38.2040



5.7240, 9.7650, 4.7490

Previews

White Background



This preview shows how the YIQ color 115.7100, -22.0100, 13.4300 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 115.7100, -22.0100, 13.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

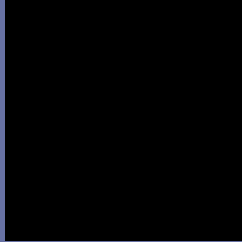
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.7100, -22.0100, 13.4300

Background



This preview shows how black text looks on a background with the YIQ color 115.7100, -22.0100, 13.4300.



This preview shows how white text looks on a background with the YIQ color 115.7100, -22.0100,

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

115.7100, -22.0100, 13.4300

Protanopia

115.5140, -24.3940, 12.5820

Deuteranopia

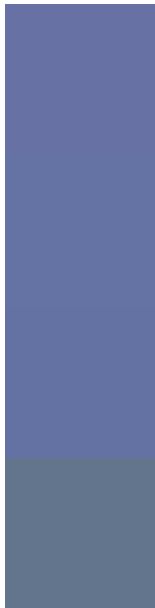
115.1010, -24.6690, 12.0590



Tritanopia

113.5510, -17.7890, -2.5010

Trichromacy



Original Color

115.7100, -22.0100, 13.4300

Protanomaly

115.8130, -23.7980, 12.7940

Deuteranomaly

115.4000, -24.0730, 12.2710

Tritanomaly

114.0550, -19.0280, 3.4360

Monochromacy



Original Color

115.7100, -22.0100, 13.4300

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8560, -8.1620, 4.7500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.7100, -22.0100, 13.4300 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(103, 113, 163)` looks like.

```
.text, #text, p{  
    color:rgb(103, 113, 163)  
}
```

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(103, 113, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 113, 163) }
```

Border

The CSS property to change the border of an element to YIQ 115.7100, -22.0100, 13.4300 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(103, 113, 163) }
```


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

```
.border{ border-color:rgb(103, 113, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 113, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 113, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 113, 163);  
box-shadow:4px 4px 4px 4px rgb(103, 113,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 115.7100, -22.0100, 13.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 113, 163) }
```

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

```
.background{ background-color: rgb(103,  
113, 163) }
```

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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