

Converting Colors

YIQ(119.2260, -23.5230,
13.3170)

Have a look what the booklet for
YIQ(119.2260, -23.5230, 13.3170)
contains.

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Color

**YIQ(119.2260, -23.5230,
13.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	6975A8
RGB	105, 117, 168
RGB Percent	41%, 46%, 66%
CMY	0.5882, 0.5411, 0.3413
CMYK	0.37, 0.30, 0.00, 0.34
HSL	229°, 27%, 54%
HSV	229°, 37%, 66%
XYZ	19.2524, 18.5530, 39.5956
YIQ	119.2260, -23.5230, 13.3170

Conversions

Conversions Part 2

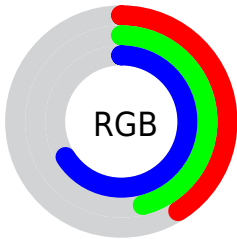
Format	Color
R_{YB}	105, 115, 168
Decimal	6911400
CIE _{Lab}	50.16, 8.47, -28.69
CIE _{LCh}	50, 29.911, 286.450
Yxy	18.5530, 0.2487, 0.2397
Android (android.graphics.Color)	4285101480 (0xFF6975A8)
YUV	119.2260, 24.0456, -12.4762
Hunter-Lab	43.0732, 4.4061, -24.3519

Details

The YIQ color **119.2260, -23.5230, 13.3170** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **153.7740, 23.5230, -13.3170**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8670, -23.8900, 14.4620**, and **69.8730, -24.0270, 11.4370** is the 20% darker color. If you saturate the color by 10%, you get **105.9250, -29.8050, 17.0350**, and if you desaturate by 10%, it is **132.5270, -17.2410, 9.5990**.

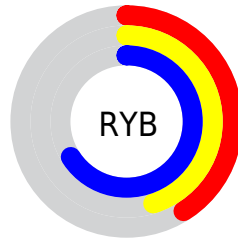
Distribution



Red (41%)

Green (46%)

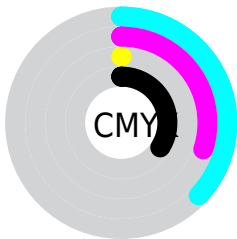
Blue (66%)



Red (41%)

Yellow (45%)

Blue (66%)

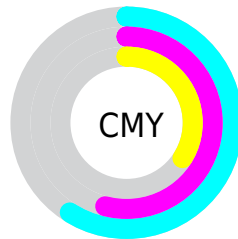


Cyan (37%)

Magenta (30%)

Yellow (0%)

Black (34%)



Cyan (59%)

Magenta (54%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.2260, -23.5230, 13.3170 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 119.2260, -23.5230, 13.3170 by changing the saturation by 10% instead.

■ 119.2260,
-23.5230, 13.3170

■ 119.2260,
-23.5230, 13.3170

■ 255.0000, -0.0000,
-0.0000

■ 93.6990, -23.4770,
12.4830

■ 171.8670,
-23.8900, 14.4620

■ 69.8730, -24.0270,
11.4370

■ 199.3940,
-23.9360, 15.2960

■ 46.3350, -25.4480,
9.6560

■ 224.5440,
-15.9110, 7.5210

■ 23.4870, -28.9320,
6.7160

■ 250.2380, -6.6020,
-1.4980

■ 5.1300, -14.4450,
13.9950

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,

0.0000

■ 119.2260,
-23.5230, 13.3170

■ 119.2260,
-23.5230, 13.3170

■ 105.9250,
-29.8050, 17.0350

■ 132.5270,
-17.2410, 9.5990

■ 93.2110, -36.3620,
20.2300

■ 145.2410,
-10.6840, 6.4040

■ 80.2090, -42.0480,
24.1600

■ 158.2430, -4.9980,
2.4740

■ 67.4950, -48.6050,
27.3550

■ 170.9570, 1.5590,
-0.7210

■ 54.1940, -54.8870,
31.0730

■ 184.2580, 7.8410,
-4.4390

■ 40.8930, -61.1690,
34.7910

■ 197.5590, 14.1230,
-8.1570

■ 37.9360, -62.7280,
35.5120

■ 210.2730, 20.6800,
-11.3520

■ 223.2750, 26.3660,
-15.2820

■ 235.6900, 32.3270,
-18.6890

Harmonies

Analogous

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



110.7660, -51.9470, -0.1950



119.2260, -23.5230, 13.3170



122.9260, 3.9850, 21.4010

Triad

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



119.2260, -23.5230, 13.3170



119.9480, 41.3090, 5.7650



107.6220, -34.8870, -23.0390

Complementary

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



119.2260, -23.5230, 13.3170



153.7740, 23.5230, -13.3170

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.



112.9920, -6.6900, -21.9380



119.2260, -23.5230, 13.3170



118.5520, 33.1960, -6.9000

Square

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



119.2260, -23.5230, 13.3170



121.3150, 39.1980, 16.4940



116.0720, 16.6920, -16.1720



98.3160, -69.1360, -24.5920

Rectangle

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



119.2260, -23.5230, 13.3170



123.0650, 19.7110, 22.7430



116.0720, 16.6920, -16.1720



109.5970, -24.5710, -22.7710

Sweetspot

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



119.2260, -23.5230, 13.3170



200.6710, -9.0790, 4.8490



147.6810, -33.3750, -17.3990



98.4710, -5.6400, 3.0960



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



119.2260, -23.5230, 13.3170



142.7380, -36.4080, 21.0640



117.8630, -8.8990, 23.6210



77.4990, -2.8430, 1.9650



33.3080, -55.2080, 31.3840



4.6280, -7.5200, 4.1280

Inverse Universe

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



125.2050, 33.6960, 17.0880



152.3540, 52.6300, 26.3740



155.1370, 8.8990, -23.6210



78.5060, 4.4470, 2.0070



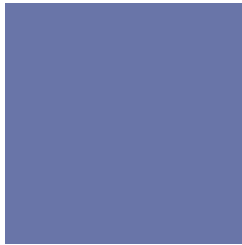
47.4440, 79.2200, 40.0840



6.4360, 10.6360, 5.4840

Previews

White Background



This preview shows how the YIQ color 119.2260, -23.5230, 13.3170 looks on a white 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

Black Background



This preview shows how the YIQ color 119.2260, -23.5230, 13.3170 looks on a black 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

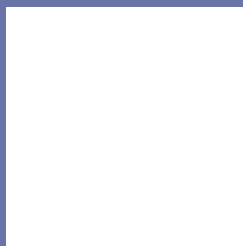
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 119.2260, -23.5230, 13.3170

Background



This preview shows how black text looks on a background with the YIQ color 119.2260, -23.5230, 13.3170.

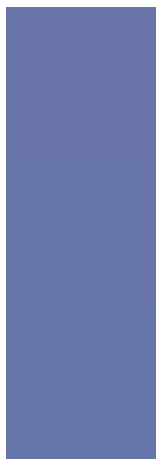


This preview shows how white text looks on a background with the YIQ color 119.2260, -23.5230,

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

119.2260, -23.5230, 13.3170

Protanopia

118.6280, -24.7150, 12.8930

Deuteranopia

118.9160, -25.5860, 12.1580



Tritanopia

117.0670, -19.3020, -2.6140

Trichromacy



Original Color

119.2260, -23.5230, 13.3170

Protanomaly

118.9270, -24.1190, 13.1050

Deuteranomaly

119.2150, -24.9900, 12.3700

Tritanomaly

117.5710, -20.5410, 3.3230

Monochromacy



Original Color

119.2260, -23.5230, 13.3170

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9700, -8.4830, 5.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.2260, -23.5230, 13.3170 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(105, 117, 168)` looks like.

```
.text, #text, p{  
    color:rgb(105, 117, 168)  
}
```

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(105, 117, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 117, 168) }
```

Border

The CSS property to change the border of an element to YIQ 119.2260, -23.5230, 13.3170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

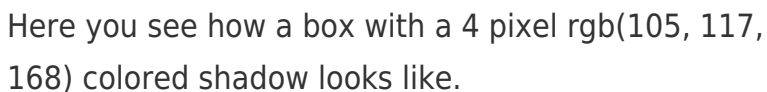
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 117, 168) }
```


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

```
.border{ border-color:rgb(105, 117, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 117, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 117, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 117, 168); box-shadow:4px 4px 4px 4px rgb(105, 117, 168) }
```

Background

The CSS property to change the background color of an element to YIQ 119.2260, -23.5230, 13.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 117, 168) }
```

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

```
.background{ background-color: rgb(105,  
117, 168) }
```

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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