

Converting Colors

YIQ(119.3990, -22.3320,
19.2680)

Have a look what the booklet for
YIQ(119.3990, -22.3320, 19.2680)
contains.

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Color

**YIQ(119.3990, -22.3320,
19.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	6E71B1
RGB	110, 113, 177
RGB Percent	43%, 44%, 69%
CMY	0.5686, 0.5568, 0.3060
CMYK	0.38, 0.36, 0.00, 0.31
HSL	237°, 30%, 56%
HSV	237°, 38%, 69%
XYZ	20.2690, 18.2990, 44.0403
YIQ	119.3990, -22.3320, 19.2680

Conversions

Conversions Part 2

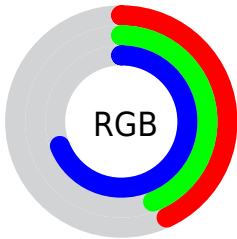
Format	Color
R _Y B	110, 113, 177
Decimal	7238065
CIE Lab	49.86, 14.86, -34.36
CIE LCh	50, 37.437, 293.382
Yxy	18.2990, 0.2454, 0.2215
Android (android.graphics.Color)	4285428145 (0xFF6E71B1)
YUV	119.3990, 28.3973, -8.2429
Hunter-Lab	42.7774, 9.7176, -31.0963

Details

The YIQ color **119.3990, -22.3320, 19.2680** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **167.6010, 22.3320, -19.2680**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4530, -22.4240, 20.9360**, and **69.6330, -23.1110, 16.8650** is the 20% darker color. If you saturate the color by 10%, you get **104.0380, -28.3850, 24.3430**, and if you desaturate by 10%, it is **134.7600, -16.2790, 14.1930**.

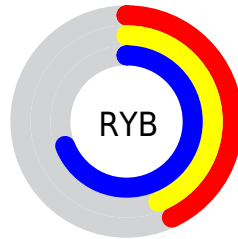
Distribution



Red (43%)

Green (44%)

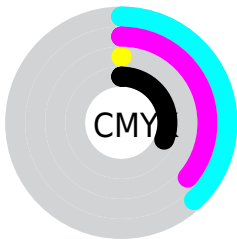
Blue (69%)



Red (43%)

Yellow (44%)

Blue (69%)

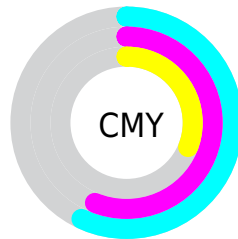


Cyan (38%)

Magenta (36%)

Yellow (0%)

Black (31%)



Cyan (57%)

Magenta (56%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.3990, -22.3320, 19.2680 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 119.3990, -22.3320, 19.2680 by changing the saturation by 10% instead.

■ 119.3990,
-22.3320, 19.2680

■ 119.3990,
-22.3320, 19.2680

■ 255.0000, -0.0000,
-0.0000

■ 94.4590, -22.5610,
17.9110

■ 172.4530,
-22.4240, 20.9360

■ 69.6330, -23.1110,
16.8650

■ 199.1820,
-20.2230, 19.5930

■ 45.7960, -25.1280,
14.8720

■ 223.9900,
-11.2350, 10.8850

■ 21.9370, -30.0790,
10.9850

■ 249.0970, -1.6510,
2.3890

■ 5.9280, -16.6920,
16.1720

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,

0.0000

■ 119.3990,
-22.3320, 19.2680

■ 119.3990,
-22.3320, 19.2680

■ 104.0380,
-28.3850, 24.3430

■ 134.7600,
-16.2790, 14.1930

■ 88.9760, -33.8420,
29.6300

■ 149.8220,
-10.8220, 8.9060

■ 73.6150, -39.8950,
34.7050

■ 165.1830, -4.7690,
3.8310

■ 58.2540, -45.9480,
39.7800

■ 180.5440, 1.2840,
-1.2440

■ 43.1920, -51.4050,
45.0670

■ 195.6060, 6.7410,
-6.5310

■ 28.4180, -57.7330,
49.6190

■ 210.3800, 13.0690,
-11.0830

■ 24.8740, -59.0170,
50.8630

■ 225.7410, 19.1220,
-16.1580

■ 241.1020, 25.1750,
-21.2330

■ 246.1080, 25.0380,
-24.2580

Harmonies

Analogous

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



106.2790, -66.5730, 0.5550



119.3990, -22.3320, 19.2680



122.3340, 11.8240, 28.0160

Triad

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



119.3990, -22.3320, 19.2680



118.1460, 49.3790, 2.6830



91.1980, -72.1600, -35.8720

Complementary

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



119.3990, -22.3320, 19.2680



167.6010, 22.3320, -19.2680

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.



108.3280, -16.6840, -28.0440



119.3990, -22.3320, 19.2680



116.1300, 37.1400, -12.3000

Square

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



119.3990, -22.3320, 19.2680



119.2300, 49.7430, 18.1190



113.1870, 14.6300, -22.8580



95.5470, -83.0280, -26.1320

Rectangle

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



119.3990, -22.3320, 19.2680



121.7290, 29.7050, 28.8490



113.1870, 14.6300, -22.8580



101.6050, -45.3850, -31.0250

Sweetspot

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



119.3990, -22.3320, 19.2680



207.5510, -8.6210, 7.5630



156.6250, -38.9690, -15.1370



101.7100, -4.8150, 4.6650



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



119.3990, -22.3320, 19.2680



140.7910, -34.7590, 29.7290



126.6080, -3.6270, 27.1970



81.6130, -3.1640, 2.2760



21.5510, -51.0380, 43.9220



3.5510, -8.6210, 7.5630

Inverse Universe

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



130.3750, 38.9690, 15.1370



157.6660, 60.3790, 23.6030



160.3920, 3.6270, -27.1970



82.8050, 5.0430, 2.2190



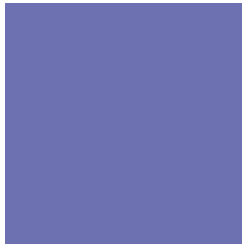
46.5450, 88.9410, 34.6130



7.8880, 15.1750, 5.8230

Previews

White Background



This preview shows how the YIQ color 119.3990, -22.3320, 19.2680 looks on a white background.

Color Contrast Check

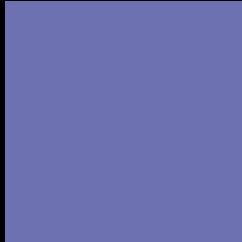
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.3990, -22.3320, 19.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

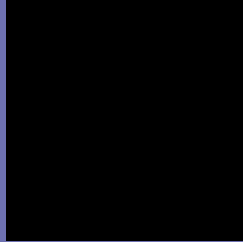
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.3990, -22.3320, 19.2680

Background



This preview shows how black text looks on a background with the YIQ color 119.3990, -22.3320, 19.2680.

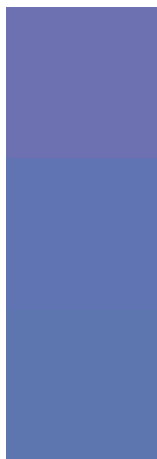


This preview shows how white text looks on a background with the YIQ color 119.3990, -22.3320,

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

119.3990, -22.3320, 19.2680

Protanopia

117.3160, -32.4640, 15.6640

Deuteranopia

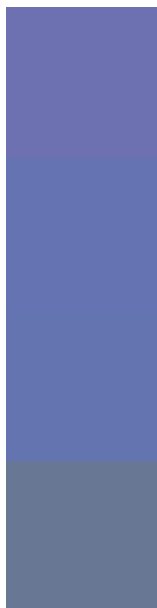
117.1370, -33.5180, 12.7380



Tritanopia

116.2630, -16.9180, -1.7660

Trichromacy



Original Color

119.3990, -22.3320, 19.2680

Protanomaly

118.1100, -28.8880, 16.9360

Deuteranomaly

117.7570, -29.3920, 15.0560

Tritanomaly

117.5220, -18.8450, 5.6270

Monochromacy



Original Color

119.3990, -22.3320, 19.2680

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.3230, -7.9790, 6.9410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.3990, -22.3320, 19.2680 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, 113, 177)` looks like.

```
.text, #text, p{  
    color:rgb(110, 113, 177)  
}
```

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, 113, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 113, 177) }
```

Border

The CSS property to change the border of an element to YIQ 119.3990, -22.3320, 19.2680 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, 113, 177) }
```


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

```
.border{ border-color:rgb(110, 113, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 113, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 113, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 113, 177);  
box-shadow:4px 4px 4px 4px rgb(110, 113,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 119.3990, -22.3320, 19.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 113, 177) }
```

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

```
.background{ background-color: rgb(110,  
113, 177) }
```

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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