

Converting Colors

YIQ(118.9920, -22.7440,
15.7200)

Have a look what the booklet for
YIQ(118.9920, -22.7440, 15.7200)
contains.

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Color

**YIQ(118.9920, -22.7440,
15.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	6B73AB
RGB	107, 115, 171
RGB Percent	42%, 45%, 67%
CMY	0.5804, 0.5490, 0.3295
CMYK	0.37, 0.33, 0.00, 0.33
HSL	232°, 28%, 55%
HSV	232°, 37%, 67%
XYZ	19.5425, 18.3273, 41.0186
YIQ	118.9920, -22.7440, 15.7200

Conversions

Conversions Part 2

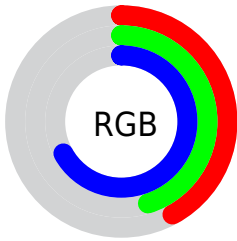
Format	Color
R_{YB}	107, 114, 171
Decimal	7041963
CIE _{Lab}	49.89, 11.10, -30.84
CIE _{LCh}	50, 32.777, 289.792
Yxy	18.3273, 0.2477, 0.2323
Android (android.graphics.Color)	4285232043 (0xFF6B73AB)
YUV	118.9920, 25.6399, -10.5170
Hunter-Lab	42.8104, 6.5651, -26.8412

Details

The YIQ color $118.9920, -22.7440, 15.7200$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $159.0080, 22.7440, -15.7200$, and the grayscale version is $119.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $171.7470, -23.4320, 17.1760$, and $69.5250, -22.9270, 13.5290$ is the 20% darker color. If you saturate the color by 10%, you get $105.1040, -28.7510, 19.9610$, and if you desaturate by 10%, it is $132.8800, -16.7370, 11.4790$.

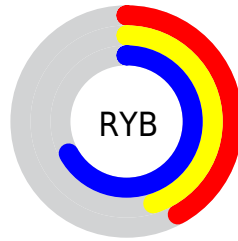
Distribution



Red (42%)

Green (45%)

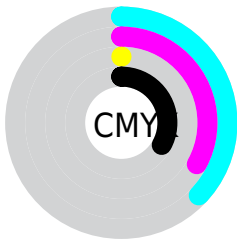
Blue (67%)



Red (42%)

Yellow (45%)

Blue (67%)

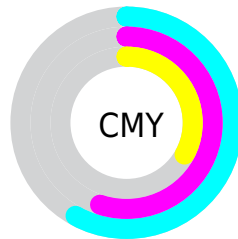


Cyan (37%)

Magenta (33%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.9920, -22.7440, 15.7200 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 118.9920, -22.7440, 15.7200 by changing the saturation by 10% instead.

■ 118.9920,
-22.7440, 15.7200

■ 118.9920,
-22.7440, 15.7200

■ 255.0000, -0.0000,
-0.0000

■ 94.0520, -22.9730,
14.3630

■ 171.7470,
-23.4320, 17.1760

■ 69.5250, -22.9270,
13.5290

■ 199.1600,
-23.1570, 17.6990

■ 45.9870, -24.3480,
11.7480

■ 223.9680,
-14.1690, 8.9910

■ 22.6550, -29.3450,
8.6950

■ 249.0750, -4.5850,
0.4950

■ 5.3580, -15.0870,
14.6170

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,

0.0000

■ 118.9920,
-22.7440, 15.7200

■ 118.9920,
-22.7440, 15.7200

■ 105.1040,
-28.7510, 19.9610

■ 132.8800,
-16.7370, 11.4790

■ 91.2160, -34.7580,
24.2020

■ 146.7680,
-10.7300, 7.2380

■ 77.3280, -40.7650,
28.4430

■ 160.6560, -4.7230,
2.9970

■ 63.4400, -46.7720,
32.6840

■ 174.5440, 1.2840,
-1.2440

■ 49.5520, -52.7790,
36.9250

■ 188.4320, 7.2910,
-5.4850

■ 35.3650, -59.3820,
40.9540

■ 202.6190, 13.8940,
-9.5140

■ 31.8210, -60.6660,
42.1980

■ 216.5070, 19.9010,
-13.7550

■ 230.3950, 25.9080,
-17.9960

■ 242.4890, 28.3390,
-23.5090

Harmonies

Analogous

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



108.9550, -56.8530, 0.6110



118.9920, -22.7440, 15.7200



122.3610, 7.1940, 23.8180

Triad

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



118.9920, -22.7440, 15.7200



118.8620, 44.4270, 4.3230



103.8380, -44.4230, -26.4310

Complementary

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



118.9920, -22.7440, 15.7200



159.0080, 22.7440, -15.7200

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.



110.7850, -10.5410, -23.7330



118.9920, -22.7440, 15.7200



117.4550, 34.8470, -9.2890

Square

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



118.9920, -22.7440, 15.7200



119.8810, 43.4160, 17.1440



114.8930, 15.6380, -19.0980



93.6890, -80.5520, -26.9520

Rectangle

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



118.9920, -22.7440, 15.7200



122.0980, 24.1120, 25.5840



114.8930, 15.6380, -19.0980



106.5960, -31.9980, -25.8380

Sweetspot

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



118.9920, -22.7440, 15.7200



201.6110, -8.8500, 6.2060



150.8380, -35.2550, -16.3670



100.1830, -4.7690, 3.8310



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



118.9920, -22.7440, 15.7200



141.0310, -35.6750, 24.3010



121.1730, -6.8360, 24.7800



79.6130, -3.1640, 2.2760



28.2530, -53.3750, 36.7130



4.3830, -8.2080, 5.5840

Inverse Universe

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



127.0480, 35.5760, 16.0560



153.3820, 55.4270, 25.2430



156.8270, 6.8360, -24.7800



80.8050, 5.0430, 2.2190



47.0160, 83.3010, 37.7090



7.2190, 12.7450, 5.8090

Previews

White Background



This preview shows how the YIQ color 118.9920, -22.7440, 15.7200 looks on a white background.

Color Contrast Check

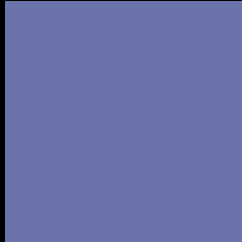
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.9920, -22.7440, 15.7200 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 118.9920, -22.7440, 15.7200

Background



This preview shows how black text looks on a background with the YIQ color 118.9920, -22.7440, 15.7200.



This preview shows how white text looks on a background with the YIQ color 118.9920, -22.7440,

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

118.9920, -22.7440, 15.7200

Protanopia

118.1870, -27.7870, 13.5010

Deuteranopia

117.3610, -28.3370, 12.4550



Tritanopia

116.5510, -17.7890, -2.5010

Trichromacy



Original Color

118.9920, -22.7440, 15.7200

Protanomaly

118.4970, -25.7240, 14.6600

Deuteranomaly

117.6710, -26.2740, 13.6140

Tritanomaly

117.2830, -19.6700, 4.0580

Monochromacy



Original Color

118.9920, -22.7440, 15.7200

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.3830, -8.2080, 5.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.9920, -22.7440, 15.7200 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(107, 115, 171)` looks like.

```
.text, #text, p{  
    color:rgb(107, 115, 171)  
}
```

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(107, 115, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 115, 171) }
```

Border

The CSS property to change the border of an element to YIQ 118.9920, -22.7440, 15.7200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

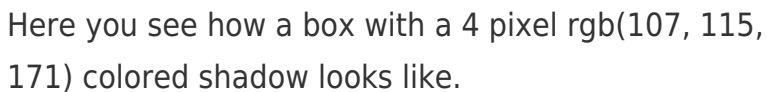
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 115, 171) }
```


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

```
.border{ border-color:rgb(107, 115, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 115, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 115, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 115, 171);  
box-shadow:4px 4px 4px 4px rgb(107, 115,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 118.9920, -22.7440, 15.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 115, 171) }
```

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

```
.background{ background-color: rgb(107,  
115, 171) }
```

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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