

Converting Colors

YUV(109.0690, 22.1510,
-11.4615)

Have a look what the booklet for
YUV(109.0690, 22.1510, -11.4615)
contains.

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Color

**YUV(109.0690, 22.1510,
-11.4615)**

Conversions

Conversions Part 1

Format	Color
Hex	606B9A
RGB	96, 107, 154
RGB Percent	38%, 42%, 60%
CMY	0.6235, 0.5804, 0.3961
CMYK	0.38, 0.31, 0.00, 0.40
HSL	229°, 23%, 49%
HSV	229°, 38%, 60%
XYZ	15.9143, 15.3353, 32.6931
YIQ	109.0690, -21.6430, 12.2850

Conversions

Conversions Part 2

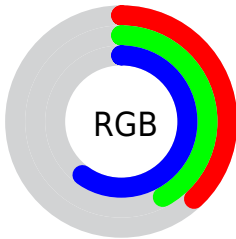
Format	Color
R _Y B	96, 105, 154
Decimal	6319002
CIE Lab	46.09, 7.95, -26.87
CIE LCh	46, 28.026, 286.488
Yxy	15.3353, 0.2489, 0.2398
Android (android.graphics.Color)	4284509082 (0xFF606B9A)
YUV	109.0690, 22.1510, -11.4615
Hunter-Lab	39.1603, 4.0099, -22.0862

Details

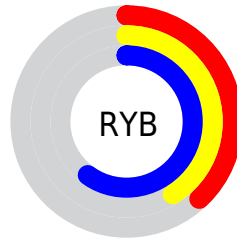
The YUV color $109.0690, 22.1510, -11.4615$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $140.9310, -22.1510, 11.4615$, and the grayscale version is $109.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $160.8240, 23.7508, -11.2466$, and $60.7160, 20.8460, -12.9059$ is the 20% darker color. If you saturate the color by 10%, you get $97.5400, 27.8348, -14.5056$, and if you desaturate by 10%, it is $120.5980, 16.4672, -8.4174$.

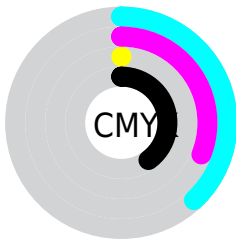
Distribution



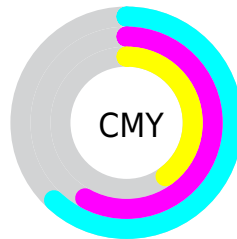
- Red (38%)
- Green (42%)
- Blue (60%)



- Red (38%)
- Yellow (41%)
- Blue (60%)



- Cyan (38%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)



- Cyan (62%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0690, 22.1510, -11.4615 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 YUV color 109.0690, 22.1510, -11.4615 by changing the saturation by 10% instead.

■ 109.0690, 22.1510,
-11.4615

■ 109.0690, 22.1510,
-11.4615

■ 255.0000, 0.0000,
0.0000

■ 84.5420, 21.4248,
-11.8763

■ 160.8240, 23.7508,
-11.2466

■ 60.7160, 20.8460,
-12.9059

■ 188.2370, 24.0402,
-10.7318

■ 37.1780, 20.1252,
-15.0651

■ 215.0970, 19.6722,
-9.7321

■ 16.8360, 18.8149,
-14.7652

■ 239.9050, 7.4418,
-6.9327

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 109.0690, 22.1510,
-11.4615

■ 109.0690, 22.1510,
-11.4615

■ 97.5400, 27.8348,
-14.5056

■ 120.5980, 16.4672,
-8.4174

■ 85.1250, 33.9554,
-17.6496

■ 133.0130, 10.3466,
-5.2734

■ 73.5960, 39.6392,
-20.6937

■ 144.5420, 4.6628,
-2.2293

■ 61.1810, 45.7598,
-23.8377

■ 156.9570, -1.4578,
0.9147

■ 49.6520, 51.4436,
-26.8818

■ 168.4860, -7.1416,
3.9588

■ 37.5360, 57.4168,
-29.4111

■ 180.6020,
-13.1148, 6.4880

■ 34.5790, 58.8746,
-30.3258

■ 192.4300,
-18.9460, 10.1469

■ 204.5460,
-24.9192, 12.6762

■ 216.3740,
-30.7504, 16.3350

Harmonies

Analogous

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



101.5060, 25.8795, -40.7858



109.0690, 22.1510, -11.4615



111.9860, 14.7969, 14.0443

Triad

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



109.0690, 22.1510, -11.4615



109.5670, -16.5485, 34.5827



98.5300, -0.7543, -38.1758

Complementary

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



109.0690, 22.1510, -11.4615



140.9310, -22.1510, 11.4615

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.



103.3450, -13.4811, -16.0886



109.0690, 22.1510, -11.4615



108.4100, -21.8941, 22.4424

Square

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



109.0690, 22.1510, -11.4615



110.8200, -6.8133, 38.7459



106.4140, -21.4031, 4.8989



90.0070, 15.7725, -65.7811

Rectangle

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



109.0690, 22.1510, -11.4615



112.5270, 7.6282, 26.7248



106.4140, -21.4031, 4.8989



100.1350, -4.9966, -30.8134

Sweetspot

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



109.0690, 22.1510, -11.4615



183.8560, 8.4520, -4.2587



135.2900, 3.3080, -34.4573



91.6560, 5.0996, -2.3293



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



109.0690, 22.1510, -11.4615



131.2390, 34.3922, -17.7496



107.6950, 22.8284, 4.6525



70.4990, 3.2050, -1.3146



31.8090, 53.3382, -27.8965



2.6560, 5.0996, -2.3293

Inverse Universe

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



114.5960, -3.7448, 34.5573



139.8480, -5.8411, 53.6303



142.3050, -22.8284, -4.6525



71.5060, -0.7425, 4.8182



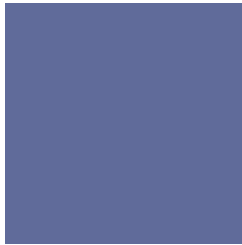
44.9380, -8.8434, 83.3694



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 109.0690, 22.1510, -11.4615 looks on a white background.

Color Contrast Check

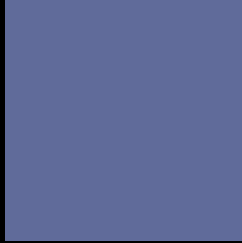
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 109.0690, 22.1510, -11.4615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

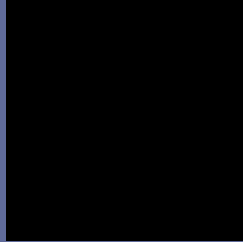
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

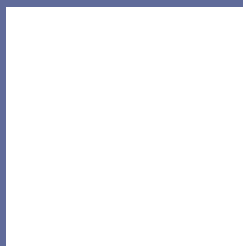
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.0690, 22.1510, -11.4615

Background



This preview shows how black text looks on a background with the YUV color 109.0690, 22.1510, -11.4615.



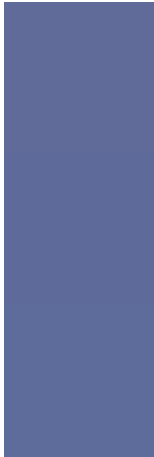
This preview shows how white text looks on a background with the YUV color 109.0690, 22.1510, -11.4615.

-11.4615.

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

109.0690, 22.1510, -11.4615

Protanopia

108.4710, 22.4458, -12.6911

Deuteranopia

108.7590, 22.3038, -13.8206



Tritanopia

106.5510, 7.6164, -16.2692

Trichromacy



Original Color

109.0690, 22.1510, -11.4615

Protanomaly

108.7700, 22.2984, -12.0763

Deuteranomaly

109.0580, 22.1564, -13.2059

Tritanomaly

107.6420, 12.9945, -14.5950

Monochromacy



Original Color

109.0690, 22.1510, -11.4615

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.7420, 8.0152, -4.1587

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0690, 22.1510, -11.4615 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(96, 107, 154)` looks like.

```
.text, #text, p{  
    color:rgb(96, 107, 154)  
}
```

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(96, 107, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 107, 154) }
```

Border

The CSS property to change the border of an element to YUV 109.0690, 22.1510, -11.4615 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(96, 107, 154) }
```


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

```
.border{ border-color:rgb(96, 107, 154) }
```

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

Here you see how a box with a 4 pixel rgb(96, 107, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 107, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 107, 154);  
box-shadow:4px 4px 4px 4px rgb(96, 107,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 109.0690, 22.1510, -11.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 107, 154) }
```

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

```
.background{ background-color: rgb(96, 107,  
154) }
```

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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