

Converting Colors

YUV(120.9550, 21.7142,
-11.3615)

Have a look what the booklet for
YUV(120.9550, 21.7142, -11.3615)
contains.

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Color

**YUV(120.9550, 21.7142,
-11.3615)**

Conversions

Conversions Part 1

Format	Color
Hex	6C77A5
RGB	108, 119, 165
RGB Percent	42%, 47%, 65%
CMY	0.5765, 0.5333, 0.3529
CMYK	0.35, 0.28, 0.00, 0.35
HSL	228°, 24%, 54%
HSV	228°, 35%, 65%
XYZ	19.5727, 19.0984, 38.2521
YIQ	120.9550, -21.3220, 11.9740

Conversions

Conversions Part 2

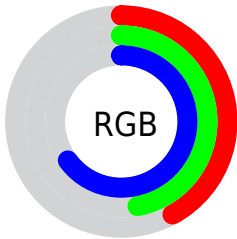
Format	Color
R _Y B	108, 117, 165
Decimal	7108517
CIE Lab	50.80, 7.32, -25.95
CIE LCh	51, 26.959, 285.758
Yxy	19.0984, 0.2544, 0.2483
Android (android.graphics.Color)	4285298597 (0xFF6C77A5)
YUV	120.9550, 21.7142, -11.3615
Hunter-Lab	43.7017, 3.4668, -21.3053

Details

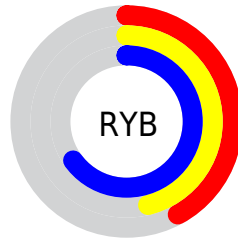
The YUV color **120.9550, 21.7142, -11.3615** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **152.0450, -21.7142, 11.3615**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.5960, 22.8772, -11.0467**, and **71.9010, 20.2618, -12.1912** is the 20% darker color. If you saturate the color by 10%, you get **108.2410, 27.9822, -15.1204**, and if you desaturate by 10%, it is **133.3700, 15.5936, -8.2175**.

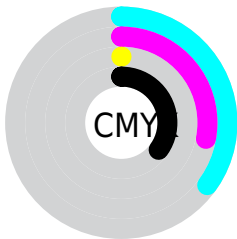
Distribution



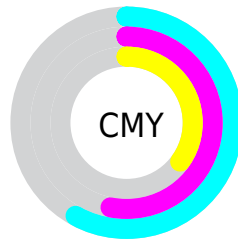
- Red (42%)
- Green (47%)
- Blue (65%)



- Red (42%)
- Yellow (46%)
- Blue (65%)



- Cyan (35%)
- Magenta (28%)
- Yellow (0%)
- Black (35%)



- Cyan (58%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9550, 21.7142, -11.3615 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 120.9550, 21.7142, -11.3615 by changing the saturation by 10% instead.

■ 120.9550, 21.7142,
-11.3615

■ 120.9550, 21.7142,
-11.3615

■ 255.0000, 0.0000,
0.0000

■ 95.8410, 21.2774,
-11.2616

■ 173.5960, 22.8772,
-11.0467

■ 71.9010, 20.2618,
-12.1912

■ 200.8240, 23.7508,
-11.2466

■ 48.6620, 19.3936,
-13.7356

■ 226.6150, 13.9938,
-8.4324

■ 25.0420, 19.6993,
-18.4538

■ 252.0100, 1.4741,
-6.1478

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 120.9550, 21.7142,
-11.3615

■ 120.9550, 21.7142,
-11.3615

■ 108.2410, 27.9822,
-15.1204

■ 133.3700, 15.5936,
-8.2175

■ 95.2390, 34.3922,
-17.7496

■ 146.6710, 9.0362,
-4.9735

■ 82.5250, 40.6602,
-21.5084

■ 159.0860, 2.9156,
-1.8294

■ 70.1100, 46.7808,
-24.6525

■ 171.8000, -3.3524,
1.9294

■ 56.8090, 53.3382,
-27.8965

■ 184.8020, -9.7624,
4.5586

■ 44.3940, 59.4588,
-31.0405

■ 197.5160,
-16.0304, 8.3175

■ 37.5940, 62.8112,
-32.9699

■ 209.9310,
-22.1510, 11.4615

■ 223.2320,
-28.7084, 14.7055

■ 235.3480,
-34.6816, 17.2348

Harmonies

Analogous

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



114.0010, 25.1425, -37.7119



120.9550, 21.7142, -11.3615



124.1600, 14.2181, 13.0147

Triad

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



120.9550, 21.7142, -11.3615



121.6810, -16.1117, 34.4828



111.4270, -1.1965, -36.3315

Complementary

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



120.9550, 21.7142, -11.3615



152.0450, -21.7142, 11.3615

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.



115.0570, -13.3391, -14.9590



120.9550, 21.7142, -11.3615



120.5240, -21.4573, 22.3425

Square

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



120.9550, 21.7142, -11.3615



123.2220, -6.5184, 37.5163



117.9410, -20.6769, 5.3137



106.3890, 13.1192, -54.7152

Rectangle

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



120.9550, 21.7142, -11.3615



124.2280, 7.7756, 26.1100



117.9410, -20.6769, 5.3137



112.9180, -5.8756, -28.8691

Sweetspot

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



120.9550, 21.7142, -11.3615



197.7420, 8.0152, -4.1587



146.7030, 3.5974, -33.9425



97.2430, 4.8102, -2.8441



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.



120.9550, 21.7142, -11.3615



146.0110, 33.5186, -17.5496



119.5810, 22.3916, 4.7525



75.2000, 3.3524, -1.9294



32.9660, 55.2328, -28.9112



3.8130, 6.9942, -3.3440

Inverse Universe

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



126.2970, -3.5974, 33.9425



154.2500, -5.5462, 52.4008



153.4190, -22.3916, -4.7525



75.9190, -0.4531, 5.3330



46.5470, -9.1437, 86.3433



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 120.9550, 21.7142, -11.3615 looks on a white background.

Color Contrast Check

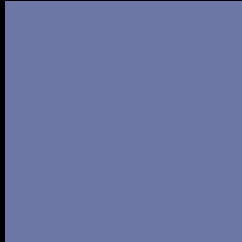
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 120.9550, 21.7142, -11.3615 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

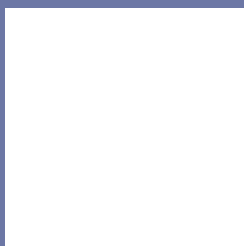
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.9550, 21.7142, -11.3615

Background



This preview shows how black text looks on a background with the YUV color 120.9550, 21.7142, -11.3615.



This preview shows how white text looks on a background with the YUV color 120.9550, 21.7142, -11.3615.

-11.3615.

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

120.9550, 21.7142, -11.3615

Protanopia

120.6560, 21.8616, -11.9763

Deuteranopia

120.6560, 21.8616, -11.9763



Tritanopia

118.9640, 7.9057, -15.7544

Trichromacy



Original Color

120.9550, 21.7142, -11.3615

Protanomaly

120.6560, 21.8616, -11.9763

Deuteranomaly

120.6560, 21.8616, -11.9763

Tritanomaly

119.9410, 12.8471, -13.9803

Monochromacy



Original Color

120.9550, 21.7142, -11.3615

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7420, 8.0152, -4.1587

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9550, 21.7142, -11.3615 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(108, 119, 165)` looks like.

```
.text, #text, p{  
    color:rgb(108, 119, 165)  
}
```

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(108, 119, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 119, 165) }
```

Border

The CSS property to change the border of an element to YUV 120.9550, 21.7142, -11.3615 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(108, 119, 165) }
```


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

```
.border{ border-color:rgb(108, 119, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 119, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 119, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 119, 165);  
box-shadow:4px 4px 4px 4px rgb(108, 119,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 120.9550, 21.7142, -11.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 119, 165) }
```

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

```
.background{ background-color: rgb(108,  
119, 165) }
```

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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