

Converting Colors

YUV(120.8620, 66.1300,
-70.9160)

Have a look what the booklet for
YUV(120.8620, 66.1300, -70.9160)
contains.

YUV(120.8620, 66.1300, -70.9160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.8620, 66.1300,
-70.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	2888FF
RGB	40, 136, 255
RGB Percent	16%, 53%, 100%
CMY	0.8431, 0.4667, 0.0000
CMYK	0.84, 0.47, 0.00, 0.00
HSL	213°, 100%, 58%
HSV	213°, 84%, 100%
XYZ	27.7292, 25.2794, 98.0257
YIQ	120.8620, -95.4150, 16.6570

Conversions

Conversions Part 2

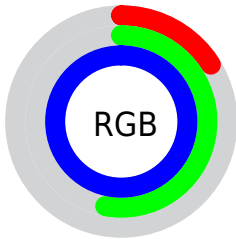
Format	Color
R _Y B	40, 106, 255
Decimal	2656511
CIE Lab	57.35, 15.47, -66.66
CIE LCh	57, 68.429, 283.064
Yxy	25.2794, 0.1836, 0.1674
Android (android.graphics.Color)	4280846591 (0xFF2888FF)
YUV	120.8620, 66.1300, -70.9160
Hunter-Lab	50.2787, 10.4571, -80.3996

Details

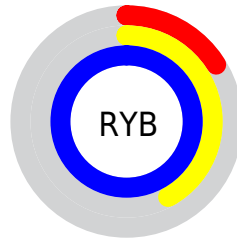
The YUV color **120.8620, 66.1300, -70.9160** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **174.1380, -66.1300, 70.9160**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.4910, 38.7049, -47.7886**, and **73.5270, 60.8722, -64.4832** is the 20% darker color. If you saturate the color by 10%, you get **105.1690, 73.8667, -79.0782**, and if you desaturate by 10%, it is **136.8540, 58.2460, -62.1390**.

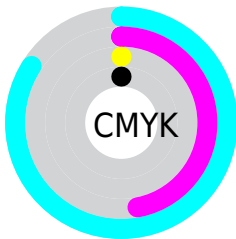
Distribution



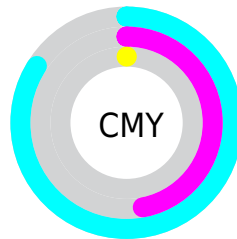
- Red (16%)
- Green (53%)
- Blue (100%)



- Red (16%)
- Yellow (42%)
- Blue (100%)



- Cyan (84%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8620, 66.1300, -70.9160 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 120.8620, 66.1300, -70.9160 by changing the saturation by 10% instead.

■ 120.8620, 66.1300,
-70.9160

■ 120.8620, 66.1300,
-70.9160

■ 255.0000, 0.0000,
0.0000

■ 90.9210, 66.5939,
-79.7377

■ 176.4910, 38.7049,
-47.7886

■ 73.5270, 60.8722,
-64.4832

■ 202.2070, 26.0269,
-41.4005

■ 57.5350, 55.4452,
-50.4582

■ 228.2110, 13.2070,
-36.1420

■ 42.0160, 49.2921,
-36.8480

■ 244.2360, 5.3067,
-22.1320

■ 28.4860, 43.1444,
-24.9822

■ 253.8040, 0.5896,
-2.4591

■ 16.2440, 36.8547,
-14.2460

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 120.8620, 66.1300,
-70.9160

■ 120.8620, 66.1300,
-70.9160

■ 105.1690, 73.8667,
-79.0782

■ 136.8540, 58.2460,
-62.1390

■ 95.9880, 78.3929,
-84.1815

■ 152.5470, 50.5093,
-53.9767

■ 168.5390, 42.6253,
-45.1997

■ 184.2320, 34.8886,
-37.0375

■ 200.8110, 26.7152,
-28.7752

■ 216.5040, 18.9785,
-20.6130

■ 232.4960, 11.0945,
-11.8360

■ 248.1890, 3.3578,
-3.6738

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



119.1260, 65.5069, -104.4735



120.8620, 66.1300, -70.9160



141.4740, 41.6713, 27.6483

Triad

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



120.8620, 66.1300, -70.9160



130.8480, -35.9141, 86.0793



107.1950, -3.0541, -94.0100

Complementary

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



120.8620, 66.1300, -70.9160



174.1380, -66.1300, 70.9160

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.



117.3610, -38.1390, -40.6586



120.8620, 66.1300, -70.9160



129.3210, -63.7553, 55.8465

Square

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



120.8620, 66.1300, -70.9160



129.3900, -7.5873, 100.5130



126.1000, -62.1673, 13.0673



115.4370, 23.4486, -101.2382

Rectangle

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



120.8620, 66.1300, -70.9160



137.9320, 27.1485, 65.8346



126.1000, -62.1673, 13.0673



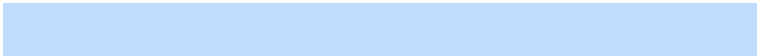
103.6270, -11.6481, -90.8809

Sweetspot

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



120.8620, 66.1300, -70.9160



215.3190, 19.5627, -21.3278



179.6570, -10.6769, -122.4792



103.4250, 12.1155, -12.6507



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



120.8620, 66.1300, -70.9160



95.9880, 78.3929, -84.1815



67.7990, 92.2901, -14.7327



119.4170, 4.2314, -3.8737



71.6690, 58.8302, -62.8537



23.7320, 19.8521, -20.8130

Inverse Universe

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



115.2290, 10.2401, 122.5792



89.2410, 12.2062, 145.3706



227.2010, -92.2901, 14.7327



119.4570, 0.2677, 7.4922



66.7990, 8.9731, 108.9243



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 120.8620, 66.1300, -70.9160 looks on a white background.

Color Contrast Check

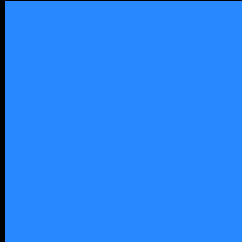
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.8620, 66.1300, -70.9160 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

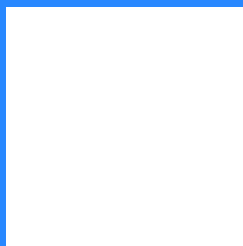
Any Text WCAG AAA × Fail

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

YUV 120.8620, 66.1300, -70.9160 Background



This preview shows how black text looks on a background with the YUV color 120.8620, 66.1300, -70.9160.



This preview shows how white text looks on a background with the YUV color 120.8620, 66.1300, -70.9160.

-70.9160.

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

120.8620, 66.1300, -70.9160

Protanopia

129.4090, 59.9444, -46.8397

Deuteranopia

109.5230, 66.7902, -96.0517



Tritanopia

107.6920, 26.7738, -94.4459

Trichromacy



Original Color

120.8620, 66.1300, -70.9160

Protanomaly

126.2230, 62.0081, -55.4466

Deuteranomaly

113.8770, 66.6156, -86.7151

Tritanomaly

112.5310, 41.1502, -85.5347

Monochromacy



Original Color

120.8620, 66.1300, -70.9160

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8500, 24.2310, -25.3014

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8620, 66.1300, -70.9160 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(40, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(40, 136, 255)  
}
```

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(40, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 136, 255) }
```

Border

The CSS property to change the border of an element to YUV 120.8620, 66.1300, -70.9160 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(40, 136, 255) }
```


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

```
.border{ border-color:rgb(40, 136, 255) }
```

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

Here you see how a box with a 4 pixel rgb(40, 136, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(40, 136,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 120.8620, 66.1300, -70.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 136, 255) }
```

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

```
.background{ background-color: rgb(40, 136,  
255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor