

Converting Colors

YUV(120.5770, 66.2705,
117.8890)

Have a look what the booklet for
YUV(120.5770, 66.2705, 117.8890)
contains.

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Color

**YUV(120.5770, 66.2705,
117.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1AFF
RGB	255, 26, 255
RGB Percent	100%, 10%, 100%
CMY	0.0000, 0.8980, 0.0000
CMYK	0.00, 0.90, 0.00, 0.00
HSL	300°, 100%, 55%
HSV	300°, 90%, 100%
XYZ	59.6594, 29.2188, 97.1031
YIQ	120.5770, 62.9750, 119.7670

Conversions

Conversions Part 2

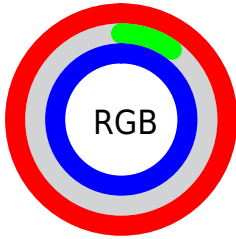
Format	Color
R _Y B	255, 26, 255
Decimal	16718591
CIE Lab	60.97, 96.32, -59.80
CIE LCh	61, 113.371, 328.167
Yxy	29.2188, 0.3208, 0.1571
Android (android.graphics.Color)	4294908671 (0xFFFF1AFF)
YUV	120.5770, 66.2705, 117.8890
Hunter-Lab	54.0544, 102.4137, -68.6702

Details

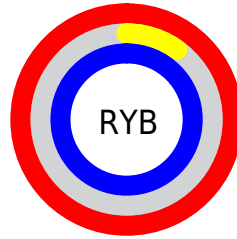
The YUV color **120.5770, 66.2705, 117.8890** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **160.4230, -66.2705, -117.8890**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4720, 41.6723, 74.1311**, and **80.1650, 57.5997, 98.9563** is the 20% darker color. If you saturate the color by 10%, you get **105.3150, 73.7947, 131.2737**, and if you desaturate by 10%, it is **135.2520, 59.0358, 105.0190**.

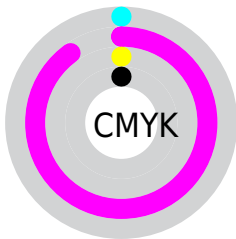
Distribution



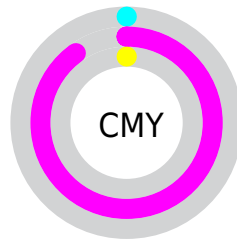
- Red (100%)
- Green (10%)
- Blue (100%)



- Red (100%)
- Yellow (10%)
- Blue (100%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (90%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.5770, 66.2705, 117.8890 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 120.5770, 66.2705, 117.8890 by changing the saturation by 10% instead.


 120.5770, 66.2705,
117.8890


 120.5770, 66.2705,
117.8890


255.0000, 0.0000,
0.0000


 92.7400, 65.6972,
115.1150

 170.4720, 41.6723,
74.1311


 80.1650, 57.5997,
98.9563


 189.8430, 32.1224,
57.1427


 68.0030, 49.7915,
83.3124


 208.0400, 23.1513,
41.1839

 55.9550, 42.4202,
67.5685

 226.2370, 14.1802,
25.2252

 44.0210, 35.4856,
51.7246

 244.4340, 5.2090,
9.2664

 32.7990, 28.6931,
37.0103

 20.3810, 22.4902,

19.8369

■ 5.0870, 18.1981,
-3.5843

■ 2.8670, 8.4466,
-2.5144

■ 120.5770, 66.2705,
117.8890

■ 120.5770, 66.2705,
117.8890

■ 105.3150, 73.7947,
131.2737

■ 135.2520, 59.0358,
105.0190

■ 150.5140, 51.5116,
91.6342

■ 165.1890, 44.2768,
78.7642

■ 180.4510, 36.7527,
65.3795

■ 195.1260, 29.5179,
52.5095

■ 210.3880, 21.9937,
39.1247

■ 225.0630, 14.7589,
26.2547

■ 240.3250, 7.2348,
12.8700

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.



128.4800, 62.3744, -32.8700



120.5770, 66.2705, 117.8890



94.2570, 31.4253, 140.9716

Triad

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



120.5770, 66.2705, 117.8890



138.3700, -68.2164, 40.0175



136.5420, 51.0048, -119.7473

Complementary

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



120.5770, 66.2705, 117.8890



160.4230, -66.2705, -117.8890

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.



124.3270, 6.7408, -109.0348



120.5770, 66.2705, 117.8890



122.5360, -60.4102, -37.3041

Square

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



120.5770, 66.2705, 117.8890



130.2490, -64.2128, 109.4066



106.3440, -49.4696, -93.2637



135.9040, 58.7143, -119.1878

Rectangle

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



120.5770, 66.2705, 117.8890



86.8470, 3.0334, 147.4702



106.3440, -49.4696, -93.2637



132.8940, 37.0273, -116.5480

Sweetspot

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



120.5770, 66.2705, 117.8890



214.4970, 19.9680, 35.5211



52.1060, 100.0267, -22.8950



103.9330, 11.8650, 21.1068



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.



120.5770, 66.2705, 117.8890



105.3150, 73.7947, 131.2737



107.5810, 16.4756, 129.2865



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

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



120.5770, 66.2705, 117.8890



105.3150, 73.7947, 131.2737



173.5330, -16.0388, -129.3864



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 120.5770, 66.2705, 117.8890 looks on a white background.

Color Contrast Check

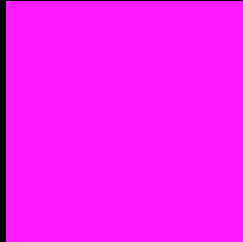
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.5770, 66.2705, 117.8890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

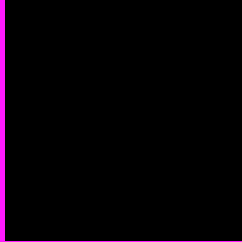
Any Text WCAG AA ✓ Pass

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 120.5770, 66.2705, 117.8890 Background



This preview shows how black text looks on a background with the YUV color 120.5770, 66.2705, 117.8890.



This preview shows how white text looks on a background with the YUV color 120.5770, 66.2705, 117.8890.

117.8890.

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

120.5770, 66.2705, 117.8890

Protanopia

142.0030, 55.7075, -41.2216

Deuteranopia

141.1460, 48.7350, -44.8550



Tritanopia

143.7610, -17.1372, 83.5246

Trichromacy



Original Color

120.5770, 66.2705, 117.8890



Protanomaly

134.1040, 59.6017, 16.5718



Deuteranomaly

133.8280, 54.8078, 14.1828

Tritanomaly

135.1610, 13.2316, 96.3288

Monochromacy



Original Color

120.5770, 66.2705, 117.8890



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

120.6920, 24.3088, 43.2431

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5770, 66.2705, 117.8890 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(255, 26, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 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(255, 26, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 255) }
```

Border

The CSS property to change the border of an element to YUV 120.5770, 66.2705, 117.8890 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(255, 26, 255) }
```


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

```
.border{ border-color:rgb(255, 26, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 26, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 120.5770, 66.2705, 117.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 255) }
```

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

```
.background{ background-color: rgb(255, 26,  
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](#).

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