

Converting Colors

YUV(111.1850, 70.9008,
126.1258)

Have a look what the booklet for
YUV(111.1850, 70.9008, 126.1258)
contains.

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Color

**YUV(111.1850, 70.9008,
126.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0AFF
RGB	255, 10, 255
RGB Percent	100%, 4%, 100%
CMY	0.0000, 0.9608, 0.0000
CMYK	0.00, 0.96, 0.00, 0.00
HSL	300°, 100%, 52%
HSV	300°, 96%, 100%
XYZ	59.3985, 28.6971, 97.0162
YIQ	111.1850, 67.3750, 128.1350

Conversions

Conversions Part 2

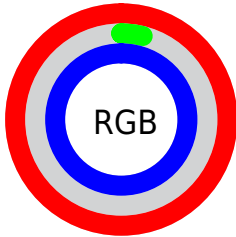
Format	Color
R _Y B	255, 10, 255
Decimal	16714495
CIE Lab	60.51, 97.68, -60.53
CIE LCh	61, 114.917, 328.213
Yxy	28.6971, 0.3209, 0.1550
Android (android.graphics.Color)	4294904575 (0xFFFF0AFF)
YUV	111.1850, 70.9008, 126.1258
Hunter-Lab	53.5697, 104.1756, -69.8771

Details

The YUV color **111.1850, 70.9008, 126.1258** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **153.8150, -70.9008, -126.1258**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1240, 42.8299, 76.1903**, 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 **125.8600, 63.6660, 113.2558**.

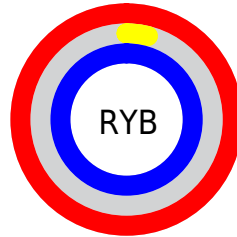
Distribution



Red (100%)

Green (4%)

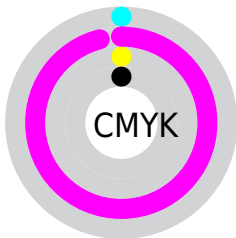
Blue (100%)



Red (100%)

Yellow (4%)

Blue (100%)

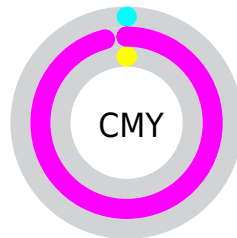


Cyan (0%)

Magenta (96%)

Yellow (0%)

Black (0%)



Cyan (0%)


Magenta (96%)

Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.1850, 70.9008, 126.1258 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 111.1850, 70.9008, 126.1258 by changing the saturation by 10% instead.


 111.1850, 70.9008,
126.1258


 111.1850, 70.9008,
126.1258


255.0000, 0.0000,
0.0000


 92.7400, 65.6972,
115.1150

 168.1240, 42.8299,
76.1903


 80.1650, 57.5997,
98.9563


 187.4950, 33.2800,
59.2019

 68.0030, 49.7915,
83.3124


 206.2790, 24.0195,
42.7283

 55.9550, 42.4202,
67.5685

 224.4760, 15.0483,
26.7695

 44.0210, 35.4856,
51.7246

 242.6730, 6.0772,
10.8108

 32.6850, 28.2563,
37.1103

 20.3810, 22.4902,

19.8369

■ 4.7880, 18.3455,
-4.1991

■ 2.8670, 8.4466,
-2.5144

■ 111.1850, 70.9008,
126.1258

■ 111.1850, 70.9008,
126.1258

■ 105.3150, 73.7947,
131.2737

■ 125.8600, 63.6660,
113.2558

■ 141.1220, 56.1419,
99.8710

■ 156.3840, 48.6177,
86.4862

■ 171.0590, 41.3829,
73.6163

■ 186.3210, 33.8587,
60.2315

■ 200.9960, 26.6240,
47.3615

■ 216.2580, 19.0998,
33.9767

■ 230.9330, 11.8650,
21.1068

■ 246.1950, 4.3409,
7.7220

Harmonies

Analogous

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



126.1100, 63.5428, -34.2995



111.1850, 70.9008, 126.1258



94.1430, 30.9885, 141.0716

Triad

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



111.1850, 70.9008, 126.1258



137.4840, -67.7796, 39.9175



136.0690, 51.7310, -119.3325

Complementary

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



111.1850, 70.9008, 126.1258



153.8150, -70.9008, -126.1258

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.



123.6260, 6.5934, -108.4200



111.1850, 70.9008, 126.1258



120.7530, -59.5312, -39.2484

Square

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



111.1850, 70.9008, 126.1258



128.4880, -63.3446, 110.9510



105.0730, -51.8010, -92.1490



135.3170, 59.0037, -118.6730

Rectangle

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



111.1850, 70.9008, 126.1258



86.6190, 2.1598, 147.6701



105.0730, -51.8010, -92.1490



132.1930, 36.8799, -115.9333

Sweetspot

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



111.1850, 70.9008, 126.1258



211.5620, 21.4149, 38.0951



37.9300, 107.0155, -24.4946



101.5850, 13.0226, 23.1660



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.



111.1850, 70.9008, 126.1258



105.3150, 73.7947, 131.2737



97.1630, 17.1746, 138.4230



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.



111.1850, 70.9008, 126.1258



105.3150, 73.7947, 131.2737



167.7230, -17.6114, -138.3231



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 111.1850, 70.9008, 126.1258 looks on a white background.

Color Contrast Check

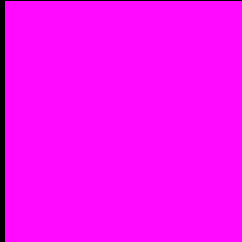
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.1850, 70.9008, 126.1258 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 111.1850, 70.9008, 126.1258 Background



This preview shows how black text looks on a background with the YUV color 111.1850, 70.9008, 126.1258.



This preview shows how white text looks on a background with the YUV color 111.1850, 70.9008,

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

111.1850, 70.9008, 126.1258

Protanopia

140.8180, 56.2917, -41.9364

Deuteranopia

139.9610, 49.3192, -45.5698



Tritanopia

142.3590, -17.4320, 84.7542

Trichromacy



Original Color

111.1850, 70.9008, 126.1258

Protanomaly

130.2830, 61.4855, 19.0458

Deuteranomaly

129.4200, 56.9809, 17.1717

Tritanomaly

130.9380, 14.8206, 100.0324

Monochromacy



Original Color

111.1850, 70.9008, 126.1258

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.7570, 25.7558, 45.8171

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.1850, 70.9008, 126.1258 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, 10, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 10, 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, 10, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 10, 255) }
```

Border

The CSS property to change the border of an element to YUV 111.1850, 70.9008, 126.1258 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, 10, 255) }
```


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

```
.border{ border-color:rgb(255, 10, 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, 10, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 10, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 10, 255); box-shadow:4px 4px 4px 4px rgb(255, 10, 255) }
```

Background

The CSS property to change the background color of an element to YUV 111.1850, 70.9008, 126.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 10, 255) }
```

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

```
.background{ background-color: rgb(255, 10,  
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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