

Converting Colors

YUV(127.8820, 36.0472,
11.5045)

Have a look what the booklet for
YUV(127.8820, 36.0472, 11.5045)
contains.

YUV(127.8820, 36.0472, 11.5045)	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(127.8820, 36.0472,
11.5045)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6BC9
RGB	141, 107, 201
RGB Percent	55%, 42%, 79%
CMY	0.4471, 0.5804, 0.2118
CMYK	0.30, 0.47, 0.00, 0.21
HSL	262°, 47%, 60%
HSV	262°, 47%, 79%
XYZ	26.7848, 20.3952, 57.7833
YIQ	127.8820, -9.9100, 36.4420

Conversions

Conversions Part 2

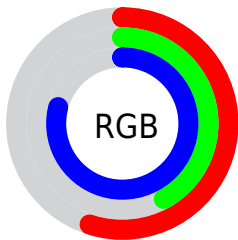
Format	Color
R_{YB}	141, 107, 201
Decimal	9268169
CIE _{Lab}	52.28, 33.49, -44.20
CIE _{LCh}	52, 55.455, 307.155
Yxy	20.3952, 0.2552, 0.1943
Android (android.graphics.Color)	4287458249 (0xFF8D6BC9)
YUV	127.8820, 36.0472, 11.5045
Hunter-Lab	45.1610, 26.8359, -44.2486

Details

The YUV color **127.8820, 36.0472, 11.5045** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **180.1180, -36.0472, -11.5045**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.3060, 36.3311, 13.7636**, and **77.2900, 33.8740, 8.5157** is the 20% darker color. If you saturate the color by 10%, you get **112.2550, 43.7513, 13.8084**, and if you desaturate by 10%, it is **143.5090, 28.3431, 9.2006**.

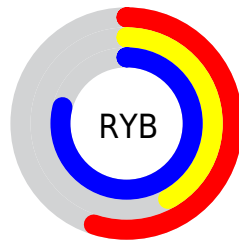
Distribution



Red (55%)

Green (42%)

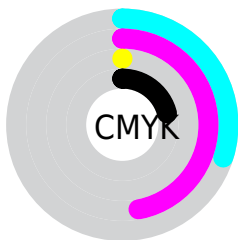
Blue (79%)



Red (55%)

Yellow (42%)

Blue (79%)

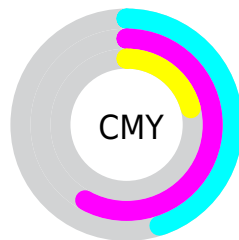


Cyan (30%)

Magenta (47%)

Yellow (0%)

Black (21%)



Cyan (45%)

Magenta (58%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.8820, 36.0472, 11.5045 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 127.8820, 36.0472, 11.5045 by changing the saturation by 10% instead.

127.8820, 36.0472,
11.5045

127.8820, 36.0472,
11.5045

255.0000, 0.0000,
0.0000

101.9420, 35.0316,
10.5749

181.3060, 36.3311,
13.7636

77.2900, 33.8740,
8.5157

205.8260, 24.2428,
17.6926

53.0510, 33.0059,
6.9713

230.9330, 11.8650,
21.1068

28.6270, 32.7219,
4.7121

247.9560, 3.4727,
6.1776

9.5890, 30.2756,
-4.0246

7.7060, 19.3719,
-6.7582

3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 127.8820, 36.0472,
11.5045

■ 127.8820, 36.0472,
11.5045

■ 112.2550, 43.7513,
13.8084

■ 143.5090, 28.3431,
9.2006

■ 96.6280, 51.4554,
16.1122

■ 159.1360, 20.6390,
6.8967

■ 81.3000, 59.0121,
19.0309

■ 174.4640, 13.0822,
3.9781

■ 65.6730, 66.7162,
21.3348

■ 190.0910, 5.3781,
1.6742

■ 49.4590, 74.7097,
24.1535

■ 206.3050, -2.6154,
-1.1445

■ 44.7410, 77.0357,
24.7831

■ 221.9320,
-10.3195, -3.4484

■ 237.5590,
-18.0236, -5.7522

■ 245.5550,
-21.9656, -1.3637

■ 248.8440,
-23.5871, 5.3988

Harmonies

Analogous

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



106.7020, 55.3629, -70.7757



127.8820, 36.0472, 11.5045



126.7600, 17.8663, 56.3385

Triad

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



127.8820, 36.0472, 11.5045



120.8530, -43.8045, 50.1179



101.6790, 16.4273, -89.1725

Complementary

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



127.8820, 36.0472, 11.5045



180.1180, -36.0472, -11.5045

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.



94.9190, -4.3971, -83.2440



127.8820, 36.0472, 11.5045



116.7060, -51.1271, 18.6748

Square

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



127.8820, 36.0472, 11.5045



121.2190, -25.2510, 72.5989



112.1060, -34.5623, -21.1410



106.3360, 36.8094, -93.2567

Rectangle

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



127.8820, 36.0472, 11.5045



123.2000, 3.8454, 73.4926



112.1060, -34.5623, -21.1410



99.8550, 9.4385, -87.5728

Sweetspot

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



127.8820, 36.0472, 11.5045



226.9910, 13.8084, 4.3929



153.5230, 23.4062, -40.8007



110.9000, 8.4303, 2.7187



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.



127.8820, 36.0472, 11.5045



143.8500, 54.7970, 17.6716



141.6360, 29.2665, 39.7842



91.9230, 3.4890, 0.9445



36.2230, 62.5011, 19.9754



7.9910, 13.8084, 4.3929

Inverse Universe

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



141.9460, 12.3516, 51.7904



165.1310, 18.6694, 78.8151



166.3640, -29.2665, -39.7842



93.3750, 1.2941, 4.9331



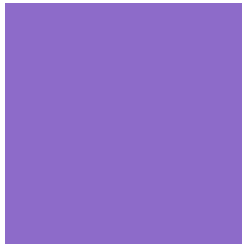
60.5930, 21.3997, 89.8109



13.3860, 4.7397, 19.8325

Previews

White Background



This preview shows how the YUV color 127.8820, 36.0472, 11.5045 looks on a white background.

Color Contrast Check

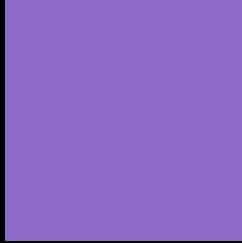
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.8820, 36.0472, 11.5045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

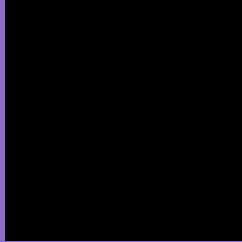
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.8820, 36.0472, 11.5045

Background



This preview shows how black text looks on a background with the YUV color 127.8820, 36.0472, 11.5045.



This preview shows how white text looks on a background with the YUV color 127.8820, 36.0472, 11.5045.

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

127.8820, 36.0472, 11.5045

Protanopia

121.2400, 46.2237, -32.6595

Deuteranopia

121.2480, 37.3457, -31.7895



Tritanopia

125.6350, 3.6309, 2.0741

Trichromacy



Original Color

127.8820, 36.0472, 11.5045

Protanomaly

124.0140, 42.3911, -16.6753

Deuteranomaly

123.2330, 36.8601, -15.9903

Tritanomaly

126.4580, 15.5502, 5.7373

Monochromacy



Original Color

127.8820, 36.0472, 11.5045

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8770, 13.3716, 4.4929

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8820, 36.0472, 11.5045 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(141, 107, 201)` looks like.

```
.text, #text, p{  
    color:rgb(141, 107, 201)  
}
```

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(141, 107, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 107, 201) }
```

Border

The CSS property to change the border of an element to YUV 127.8820, 36.0472, 11.5045 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(141, 107, 201) }
```


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

```
.border{ border-color:rgb(141, 107, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 107, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 107, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 107, 201);  
box-shadow:4px 4px 4px 4px rgb(141, 107,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 127.8820, 36.0472, 11.5045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 107, 201) }
```

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

```
.background{ background-color: rgb(141,  
107, 201) }
```

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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