

Converting Colors

YUV(112.1280, 16.2059,
28.8287)

Have a look what the booklet for
YUV(112.1280, 16.2059, 28.8287)
contains.

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Color

**YUV(112.1280, 16.2059,
28.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	915991
RGB	145, 89, 145
RGB Percent	57%, 35%, 57%
CMY	0.4314, 0.6510, 0.4314
CMYK	0.00, 0.39, 0.00, 0.43
HSL	300°, 24%, 46%
HSV	300°, 39%, 57%
XYZ	20.3603, 15.2088, 28.6506
YIQ	112.1280, 15.4000, 29.2880

Conversions

Conversions Part 2

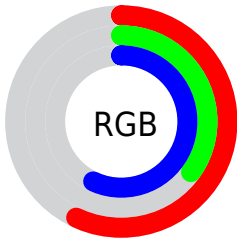
Format	Color
R _Y B	145, 89, 145
Decimal	9525649
CIE Lab	45.92, 32.28, -21.40
CIE LCh	46, 38.730, 326.452
Yxy	15.2088, 0.3170, 0.2368
Android (android.graphics.Color)	4287715729 (0xFF915991)
YUV	112.1280, 16.2059, 28.8287
Hunter-Lab	38.9985, 24.9436, -16.2589

Details

The YUV color **112.1280, 16.2059, 28.8287** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **121.8720, -16.2059, -28.8287**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6660, 16.9267, 30.9879**, and **62.5900, 15.4851, 26.6696** is the 20% darker color. If you saturate the color by 10%, you get **103.9100, 20.2574, 36.0359**, and if you desaturate by 10%, it is **120.9330, 11.8650, 21.1068**.

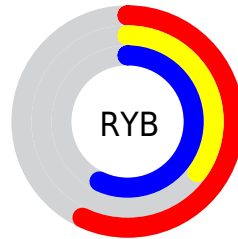
Distribution



Red (57%)

Green (35%)

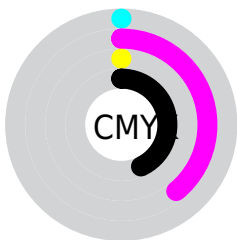
Blue (57%)



Red (57%)

Yellow (35%)

Blue (57%)

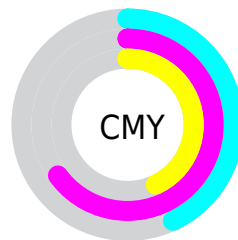


Cyan (0%)

Magenta (39%)

Yellow (0%)

Black (43%)



Cyan (43%)

Magenta (65%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.1280, 16.2059, 28.8287 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 112.1280, 16.2059, 28.8287 by changing the saturation by 10% instead.

■ 112.1280, 16.2059,
28.8287

■ 112.1280, 16.2059,
28.8287

■ 255.0000, 0.0000,
0.0000

■ 87.3020, 15.6271,
27.7991

■ 164.6660, 16.9267,
30.9879

■ 62.5900, 15.4851,
26.6696

■ 192.0790, 17.2161,
31.5027

■ 38.2910, 15.6325,
26.0548

■ 219.7800, 17.3635,
30.8879

■ 18.9270, 14.3330,
22.8660

■ 236.2160, 9.2605,
16.4736

■ 8.7590, 8.9928,
8.9814

■ 253.2390, 0.8682,
1.5444

■ 0.0000, 0.0000,
0.0000

■ 112.1280, 16.2059,
28.8287

■ 112.1280, 16.2059,
28.8287

■ 103.9100, 20.2574,
36.0359

■ 120.9330, 11.8650,
21.1068

■ 95.1050, 24.5982,
43.7579

■ 129.1510, 7.8136,
13.8996

■ 86.3000, 28.9391,
51.4799

■ 137.9560, 3.4727,
6.1776

■ 78.0820, 32.9906,
58.6871

■ 146.1740, -0.5788,
-1.0296

■ 69.8640, 37.0420,
65.8943

■ 154.9790, -4.9196,
-8.7516

■ 61.0590, 41.3829,
73.6163

■ 163.1970, -8.9711,
-15.9588

■ 59.8850, 41.9617,
74.6459

■ 172.0020,
-13.3120, -23.6808

■ 180.2200,

-17.3635, -30.8879

 188.4380,
-21.4149, -38.0951

Harmonies

Analogous

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



110.0080, 28.0971, -5.2690



112.1280, 16.2059, 28.8287



110.1770, 1.8847, 48.9568

Triad

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



112.1280, 16.2059, 28.8287



106.1790, -31.6402, 21.7680



88.9930, 23.6675, -78.0469

Complementary

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



112.1280, 16.2059, 28.8287



121.8720, -16.2059, -28.8287

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.



85.2310, 9.2531, -74.7476



112.1280, 16.2059, 28.8287



102.5780, -26.9070, -3.1379

Square

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



112.1280, 16.2059, 28.8287



107.7930, -26.0269, 41.4005



97.0500, -12.8426, -34.2468



89.4950, 35.7450, -78.4871

Rectangle

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



112.1280, 16.2059, 28.8287



108.5660, -8.1670, 53.0006



97.0500, -12.8426, -34.2468



87.7390, 18.8627, -76.9471

Sweetspot

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



112.1280, 16.2059, 28.8287



175.4990, 6.6560, 11.8404



95.3840, 24.4607, -5.5988



86.3690, 3.7621, 6.6924



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



112.1280, 16.2059, 28.8287



137.9310, 25.1770, 44.7875



108.9360, 3.9756, 31.6281



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Inverse Universe

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



112.1280, 16.2059, 28.8287



137.9310, 25.1770, 44.7875



125.0640, -3.9756, -31.6281



66.8910, 2.0257, 3.6036



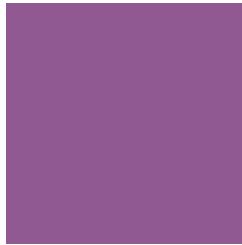
55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 112.1280, 16.2059, 28.8287 looks on a white 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

Black Background



This preview shows how the YUV color 112.1280, 16.2059, 28.8287 looks on a black 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

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

YUV 112.1280, 16.2059, 28.8287

Background



This preview shows how black text looks on a background with the YUV color 112.1280, 16.2059, 28.8287.



This preview shows how white text looks on a background with the YUV color 112.1280, 16.2059,

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

112.1280, 16.2059, 28.8287

Protanopia

108.4430, 24.9246, -14.4205

Deuteranopia

109.4950, 16.0250, -6.5731



Tritanopia

110.7690, -2.8441, 25.6356

Trichromacy



Original Color

112.1280, 16.2059, 28.8287

Protanomaly

109.4450, 21.9656, 1.3637

Deuteranomaly

110.2840, 16.1290, 6.7669

Tritanomaly

111.3160, 4.2812, 26.9099

Monochromacy



Original Color

112.1280, 16.2059, 28.8287

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2600, 5.7878, 10.2960

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.1280, 16.2059, 28.8287 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(145, 89, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 89, 145)  
}
```

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(145, 89, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 89, 145) }
```

Border

The CSS property to change the border of an element to YUV 112.1280, 16.2059, 28.8287 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(145, 89, 145) }
```


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

```
.border{ border-color:rgb(145, 89, 145) }
```

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

Here you see how a box with a 4 pixel rgb(145, 89, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 89, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 89, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 89,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 112.1280, 16.2059, 28.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 89, 145) }
```

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

```
.background{ background-color: rgb(145, 89,  
145) }
```

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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