

Converting Colors

YUV(140.2900, 13.6610, 5.0077)

Have a look what the booklet for
YUV(140.2900, 13.6610, 5.0077)
contains.

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Color

**YUV(140.2900, 13.6610,
5.0077)**

Conversions

Conversions Part 1

Format	Color
Hex	9284A8
RGB	146, 132, 168
RGB Percent	57%, 52%, 66%
CMY	0.4275, 0.4824, 0.3412
CMYK	0.13, 0.21, 0.00, 0.34
HSL	263°, 17%, 59%
HSV	263°, 21%, 66%
XYZ	27.1732, 25.4407, 40.5241
YIQ	140.2900, -3.2120, 14.1640

Conversions

Conversions Part 2

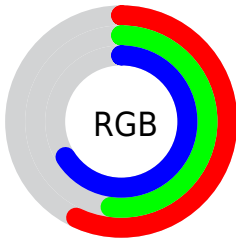
Format	Color
RYB	146, 132, 168
Decimal	9602216
CIELab	57.50, 12.57, -17.13
CIELCh	58, 21.248, 306.253
Yxy	25.4407, 0.2918, 0.2732
Android (android.graphics.Color)	4287792296 (0xFF9284A8)
YUV	140.2900, 13.6610, 5.0077
Hunter-Lab	50.4387, 7.8967, -12.3284

Details

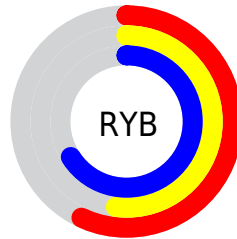
The YUV color $140.2900, 13.6610, 5.0077$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $159.7100, -13.6610, -5.0077$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.8170, 14.3872, 5.4225$, and $90.3500, 12.6455, 4.0781$ is the 20% darker color. If you saturate the color by 10%, you get $127.3210, 20.0547, 7.6115$, and if you desaturate by 10%, it is $153.2590, 7.2673, 2.4039$.

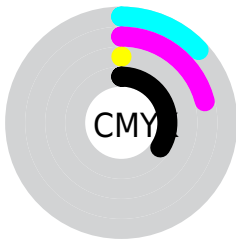
Distribution



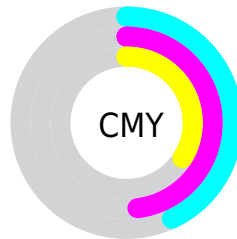
- Red (57%)
- Green (52%)
- Blue (66%)



- Red (57%)
- Yellow (52%)
- Blue (66%)



- Cyan (13%)
- Magenta (21%)
- Yellow (0%)
- Black (34%)



- Cyan (43%)
- Magenta (48%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.2900, 13.6610, 5.0077 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 140.2900, 13.6610, 5.0077 by changing the saturation by 10% instead.

■ 140.2900, 13.6610,
5.0077

■ 140.2900, 13.6610,
5.0077

255.0000, 0.0000,
0.0000

■ 114.8770, 13.3716,
4.4929

■ 193.8170, 14.3872,
5.4225

■ 90.3500, 12.6455,
4.0781

■ 221.9310, 14.8240,
5.3225

■ 66.2360, 12.2087,
4.1780

■ 246.7820, 4.0515,
7.2072

■ 44.4100, 11.6299,
3.1484

■ 22.8830, 10.9037,
2.7336

■ 2.8500, 10.9200,
-2.4994

■ 0.0000, 0.0000,

0.0000

■ 140.2900, 13.6610,
5.0077

■ 140.2900, 13.6610,
5.0077

■ 127.3210, 20.0547,
7.6115

■ 153.2590, 7.2673,
2.4039

■ 114.0530, 26.5959,
9.6005

■ 166.5270, 0.7262,
0.4148

■ 101.6710, 32.7002,
11.6895

■ 178.9090, -5.3781,
-1.6742

■ 88.7020, 39.0939,
14.2933

■ 191.8780,
-11.7719, -4.2780

■ 75.7330, 45.4876,
16.8972

■ 204.8470,
-18.1656, -6.8818

■ 62.4650, 52.0288,
18.8862

■ 218.1150,
-24.7067, -8.8709

■ 49.4960, 58.4225,
21.4900

■ 231.0840,
-31.1004, -11.4747

■ 38.5870, 63.8006,
23.1642

■ 237.0090,
-34.0214, -7.9009

■ 239.9990,
-35.4955, -1.7531

Harmonies

Analogous

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



137.1350, 18.6674, -14.1504



140.2900, 13.6610, 5.0077



141.3260, 5.7553, 20.7621

Triad

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



140.2900, 13.6610, 5.0077



138.7890, -16.6580, 22.9870



130.1480, 5.3500, -36.0868

Complementary

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



140.2900, 13.6610, 5.0077



159.7100, -13.6610, -5.0077

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.



132.0050, -4.4395, -22.8064



140.2900, 13.6610, 5.0077



136.7720, -17.6356, 9.8470

Square

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



140.2900, 13.6610, 5.0077



139.9130, -11.2961, 29.8943



134.8130, -13.2188, -6.8520



130.1180, 14.2388, -40.4455

Rectangle

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



140.2900, 13.6610, 5.0077



141.1760, -0.0868, 27.9096



134.8130, -13.2188, -6.8520



130.3720, 2.2816, -31.8982

Sweetspot

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



140.2900, 13.6610, 5.0077



208.9770, 4.9413, 1.7742



149.0180, 9.3581, -14.9248



103.8090, 3.0522, 1.0445



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



140.2900, 13.6610, 5.0077



175.0760, 21.6545, 7.8263



145.6720, 11.0077, 16.0737



77.8090, 3.0522, 1.0445



34.2140, 56.0965, 20.8603



4.6720, 7.5567, 2.9187

Inverse Universe

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



145.2720, 4.3029, 19.9325



183.0330, 6.8857, 31.5431



154.3280, -11.0077, -16.0737



78.9620, 1.0047, 4.4183



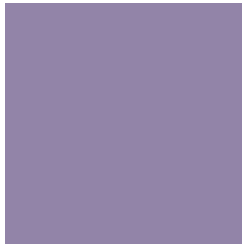
54.5120, 17.4956, 81.9890



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 140.2900, 13.6610, 5.0077 looks on a white background.

Color Contrast Check

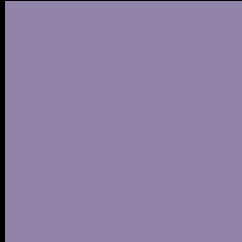
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.2900, 13.6610, 5.0077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

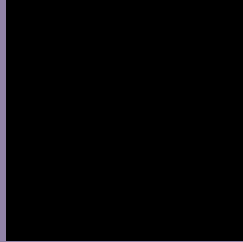
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.2900, 13.6610, 5.0077

Background



This preview shows how black text looks on a background with the YUV color 140.2900, 13.6610, 5.0077.



This preview shows how white text looks on a background with the YUV color 140.2900, 13.6610,

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

140.2900, 13.6610, 5.0077

Protanopia

138.7830, 15.8830, -7.7027

Deuteranopia

139.2460, 13.6827, -1.9697



Tritanopia

139.0480, 3.9203, 2.5889

Trichromacy



Original Color

140.2900, 13.6610, 5.0077

Protanomaly

139.2890, 15.1405, -2.8845

Deuteranomaly

139.5560, 13.5299, 0.3894

Tritanomaly

139.6720, 7.5567, 2.9187

Monochromacy



Original Color

140.2900, 13.6610, 5.0077

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9770, 4.9413, 1.7742

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.2900, 13.6610, 5.0077 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(146, 132, 168)` looks like.

```
.text, #text, p{  
    color:rgb(146, 132, 168)  
}
```

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(146, 132, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 132, 168) }
```

Border

The CSS property to change the border of an element to YUV 140.2900, 13.6610, 5.0077 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(146, 132, 168) }
```


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

```
.border{ border-color:rgb(146, 132, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 132, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 132, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 132, 168);  
box-shadow:4px 4px 4px 4px rgb(146, 132,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 140.2900, 13.6610, 5.0077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 132, 168) }
```

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

```
.background{ background-color: rgb(146,  
132, 168) }
```

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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