

Converting Colors

YUV(100.2800, 5.7780, 60.2674)

Have a look what the booklet for
YUV(100.2800, 5.7780, 60.2674)
contains.

YUV(100.2800, 5.7780, 60.2674)	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(100.2800, 5.7780,
60.2674)**

Conversions

Conversions Part 1

Format	Color
Hex	A93F70
RGB	169, 63, 112
RGB Percent	66%, 25%, 44%
CMY	0.3373, 0.7529, 0.5608
CMYK	0.00, 0.63, 0.34, 0.34
HSL	332°, 46%, 45%
HSV	332°, 63%, 66%
XYZ	21.0643, 13.1599, 16.7591
YIQ	100.2800, 47.4470, 37.7110

Conversions

Conversions Part 2

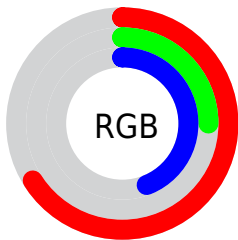
Format	Color
R_{YB}	169, 63, 112
Decimal	11091824
CIE _{Lab}	43.00, 48.26, -5.45
CIE _{LCh}	43, 48.563, 353.552
Yxy	13.1599, 0.4132, 0.2581
Android (android.graphics.Color)	4289281904 (0xFFA93F70)
YUV	100.2800, 5.7780, 60.2674
Hunter-Lab	36.2766, 40.1637, -1.9974

Details

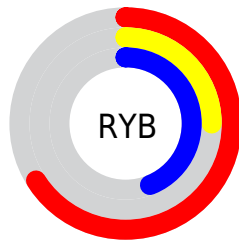
The YUV color **100.2800, 5.7780, 60.2674** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **131.7200, -5.7780, -60.2674**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.6610, 4.6041, 63.4413**, and **41.0830, 11.2981, 63.0712** is the 20% darker color. If you saturate the color by 10%, you get **89.2750, 6.7664, 69.9188**, and if you desaturate by 10%, it is **111.2850, 4.7895, 50.6161**.

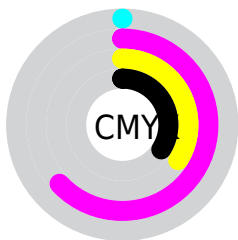
Distribution



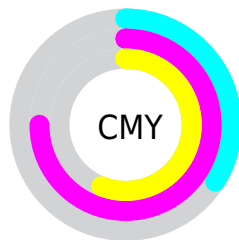
- Red (66%)
- Green (25%)
- Blue (44%)



- Red (66%)
- Yellow (25%)
- Blue (44%)



- Cyan (0%)
- Magenta (63%)
- Yellow (34%)
- Black (34%)




- Cyan (34%)
- Magenta (75%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.2800, 5.7780, 60.2674 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 100.2800, 5.7780, 60.2674 by changing the saturation by 10% instead.


 100.2800, 5.7780,
60.2674


 100.2800, 5.7780,
60.2674

255.0000, 0.0000,
0.0000

 72.7360, 7.5252,
59.8675


 154.6610, 4.6041,
63.4413


 41.0830, 11.2981,
63.0712


 181.9600, 4.4567,
64.0561


 30.5020, 5.6685,
48.6717

 201.5880, 8.5841,
46.8423

 20.4480, 0.7651,
34.6871

 221.2160, 12.7115,
29.6286

 9.6820, -4.2802,
19.5729

 239.1510, 7.8136,
13.8996

 0.0000, 0.0000,
0.0000

100.2800, 5.7780,
60.2674

100.2800, 5.7780,
60.2674

89.2750, 6.7664,
69.9188

111.2850, 4.7895,
50.6161

78.2700, 7.7549,
79.5702

122.2900, 3.8010,
40.9647

67.2650, 8.7434,
89.2216

133.2950, 2.8126,
31.3133

59.4230, 9.1585,
96.0990

144.3000, 1.8241,
21.6619

154.7180, 1.1250,
12.5253

165.8370, 0.5734,
2.7740

176.8420, -0.4151,
-6.8774

187.8470, -1.4036,

-16.5288

■ 198.8520, -2.3920,
-26.1802

Harmonies

Analogous

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



104.7570, 22.3048, 32.6621



100.2800, 5.7780, 60.2674



98.0900, -12.8624, 65.6961

Triad

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



100.2800, 5.7780, 60.2674



93.1300, -37.5321, -1.8680



87.6030, 38.6497, -76.8278

Complementary

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



100.2800, 5.7780, 60.2674



131.7200, -5.7780, -60.2674

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.



85.6020, 23.3672, -75.0730



100.2800, 5.7780, 60.2674



84.3710, -16.4519, -43.2984

Square

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



100.2800, 5.7780, 60.2674



96.4220, -43.5920, 28.5709



80.8140, 5.0217, -70.8739



84.7310, 47.9536, -74.3091

Rectangle

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



100.2800, 5.7780, 60.2674



98.8320, -25.0602, 58.0293



80.8140, 5.0217, -70.8739



87.6370, 33.7030, -76.8576

Sweetspot

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



100.2800, 5.7780, 60.2674



192.4250, 2.2555, 23.3063



92.1270, 37.8984, 24.4446



93.1420, 1.4090, 14.7845



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.



100.2800, 5.7780, 60.2674



112.7000, 9.0219, 93.2251



97.0420, -16.7827, 63.1072



78.8480, 0.5679, 4.5183



52.0040, 7.8860, 84.1885



7.0060, 0.9830, 11.3957

Inverse Universe

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



100.2800, 5.7780, 60.2674



112.7000, 9.0219, 93.2251



134.9580, 16.7827, -63.1072



78.8480, 0.5679, 4.5183



52.0040, 7.8860, 84.1885



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 100.2800, 5.7780, 60.2674 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 100.2800, 5.7780, 60.2674 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 100.2800, 5.7780, 60.2674 Background



This preview shows how black text looks on a background with the YUV color 100.2800, 5.7780, 60.2674.



This preview shows how white text looks on a background with the YUV color 100.2800, 5.7780,

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

100.2800, 5.7780, 60.2674

Protanopia

102.4130, 17.0514, -9.1322

Deuteranopia

103.2010, 1.8729, 5.9627



Tritanopia

99.9750, -11.8197, 57.9039

Trichromacy



Original Color

100.2800, 5.7780, 60.2674

Protanomaly

101.5410, 13.0443, 16.1885

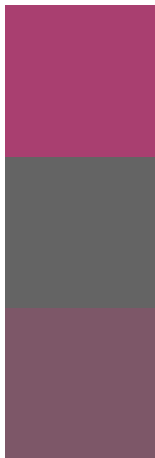
Deuteranomaly

102.0770, 3.4130, 25.3655

Tritanomaly

99.9950, -5.4205, 58.7634

Monochromacy



Original Color

100.2800, 5.7780, 60.2674

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.3000, 1.8241, 21.6619

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.2800, 5.7780, 60.2674 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(169, 63, 112)` looks like.

```
.text, #text, p{  
    color:rgb(169, 63, 112)  
}
```

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(169, 63, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 63, 112) }
```

Border

The CSS property to change the border of an element to YUV 100.2800, 5.7780, 60.2674 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(169, 63, 112) }
```


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

```
.border{ border-color:rgb(169, 63, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 63, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 63, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 63, 112);  
box-shadow:4px 4px 4px 4px rgb(169, 63,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 100.2800, 5.7780, 60.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 63, 112) }
```

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

```
.background{ background-color: rgb(169, 63,  
112) }
```

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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