

Converting Colors

YUV(116.2600, -1.1142,
-16.0140)

Have a look what the booklet for
YUV(116.2600, -1.1142, -16.0140)
contains.

YUV(116.2600, -1.1142, -16.0140)	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(116.2600, -1.1142,
-16.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	627E72
RGB	98, 126, 114
RGB Percent	38%, 49%, 45%
CMY	0.6157, 0.5059, 0.5529
CMYK	0.22, 0.00, 0.10, 0.51
HSL	154°, 12%, 44%
HSV	154°, 22%, 49%
XYZ	15.5351, 18.7333, 18.7167
YIQ	116.2600, -12.8360, -9.6680

Conversions

Conversions Part 2

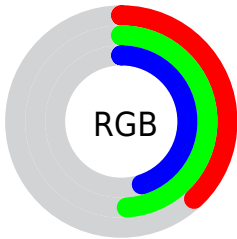
Format	Color
R_{YB}	98, 116, 126
Decimal	6454898
CIE _{Lab}	50.37, -12.72, 3.23
CIE _{LCh}	50, 13.121, 165.733
Yxy	18.7333, 0.2932, 0.3536
Android (android.graphics.Color)	4284644978 (0xFF627E72)
YUV	116.2600, -1.1142, -16.0140
Hunter-Lab	43.2820, -11.6747, 4.6582

Details

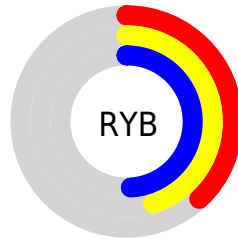
The YUV color **116.2600, -1.1142, -16.0140** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **107.7400, 1.1142, 16.0140**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5480, -1.2562, -17.1436**, and **67.9720, -0.9722, -14.8844** is the 20% darker color. If you saturate the color by 10%, you get **111.8030, -1.3819, -23.5062**, and if you desaturate by 10%, it is **120.7170, -0.8465, -8.5218**.

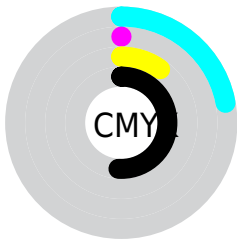
Distribution



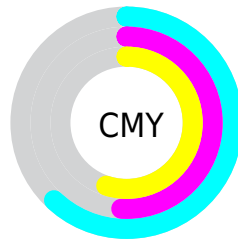
- Red (38%)
- Green (49%)
- Blue (45%)



- Red (38%)
- Yellow (45%)
- Blue (49%)



- Cyan (22%)
- Magenta (0%)
- Yellow (10%)
- Black (51%)



- Cyan (62%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2600, -1.1142, -16.0140 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 116.2600, -1.1142, -16.0140 by changing the saturation by 10% instead.

■ 116.2600, -1.1142,
-16.0140

■ 116.2600, -1.1142,
-16.0140

■ 255.0000, 0.0000,
0.0000

■ 91.6730, -0.8248,
-15.4992

■ 168.5480, -1.2562,
-17.1436

■ 67.9720, -0.9722,
-14.8844

■ 195.5480, -1.2562,
-17.1436

■ 45.3850, -0.6828,
-14.3696

■ 224.1350, -1.5456,
-17.6584

■ 24.2000, -0.0986,
-15.0844

■ 247.4390, 0.7696,
-13.5400

■ 1.7610, -0.8682,
-1.5444

■ 0.0000, 0.0000,
0.0000

■ 116.2600, -1.1142,
-16.0140

■ 116.2600, -1.1142,
-16.0140

■ 111.8030, -1.3819,
-23.5062

■ 120.7170, -0.8465,
-8.5218

■ 107.5310, -2.2338,
-30.2837

■ 124.9890, 0.0054,
-1.7444

■ 103.0740, -2.5015,
-37.7759

■ 129.4460, 0.2731,
5.7479

■ 98.8020, -3.3534,
-44.5534

■ 133.7180, 1.1250,
12.5253

■ 94.3450, -3.6211,
-52.0456

■ 138.1750, 1.3927,
20.0175

■ 89.8880, -3.8888,
-59.5378

■ 142.6320, 1.6604,
27.5097

■ 85.6160, -4.7407,
-66.3152

■ 146.9040, 2.5123,
34.2872

■ 82.1700, -5.0138,

■ 151.3610, 2.7800,

-72.0631

41.7794

■ 155.6330, 3.6319,
48.5569

Harmonies

Analogous

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



117.5340, -6.6723, -6.6073



116.2600, -1.1142, -16.0140



115.4210, 4.7224, -21.4172

Triad

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



116.2600, -1.1142, -16.0140



120.3120, 10.1992, -4.6586



120.9330, -8.3480, 17.5988

Complementary

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



116.2600, -1.1142, -16.0140



107.7400, 1.1142, 16.0140

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.



121.4970, -3.6960, 18.8581



116.2600, -1.1142, -16.0140



121.5800, 7.1091, 6.5073

Square

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



116.2600, -1.1142, -16.0140



117.8870, 11.3947, -14.8099



122.2560, 1.8458, 14.6845



120.0310, -10.3683, 12.2508

Rectangle

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



116.2600, -1.1142, -16.0140



116.2190, 7.7800, -22.1171



122.2560, 1.8458, 14.6845



121.2860, -7.0430, 19.0432

Sweetspot

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



116.2600, -1.1142, -16.0140



159.1410, -0.5625, -6.2627



118.0240, -9.8718, -7.0370



79.5650, -0.2785, -4.0035



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



116.2600, -1.1142, -16.0140



147.6780, -1.8133, -25.1506



116.4540, 4.7062, -16.1842



61.5650, -0.2785, -4.0035



83.4580, -5.1558, -73.1927



0.0000, 0.0000, 0.0000

Inverse Universe

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



107.7400, 1.1142, 16.0140



134.3220, 1.8133, 25.1506



107.5460, -4.7062, 16.1842



59.4350, 0.2785, 4.0035



44.5420, 5.1558, 73.1927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 116.2600, -1.1142, -16.0140 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 116.2600, -1.1142, -16.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

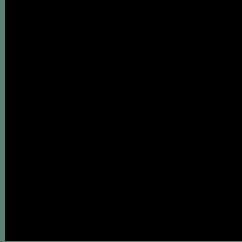
Any Text WCAG AA ✓ Pass

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 116.2600, -1.1142, -16.0140 Background



This preview shows how black text looks on a background with the YUV color 116.2600, -1.1142, -16.0140.



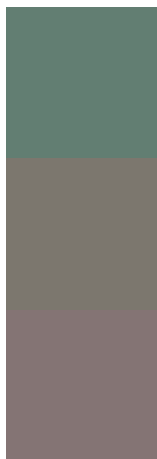
This preview shows how white text looks on a background with the YUV color 116.2600, -1.1142, -16.0140.

-16.0140.

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

116.2600, -1.1142, -16.0140

Protanopia

119.4690, -4.6682, 3.9737

Deuteranopia

120.7840, -2.3585, 9.8364



Tritanopia

117.8610, 7.4635, -13.9101

Trichromacy



Original Color

116.2600, -1.1142, -16.0140

Protanomaly

118.6530, -3.7729, -3.2037

Deuteranomaly

119.4300, -2.1840, 0.4999

Tritanomaly

117.3510, 4.2640, -14.3398

Monochromacy



Original Color

116.2600, -1.1142, -16.0140

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1410, -0.5625, -6.2627

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2600, -1.1142, -16.0140 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(98, 126, 114)` looks like.

```
.text, #text, p{  
    color:rgb(98, 126, 114)  
}
```

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(98, 126, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 126, 114) }
```

Border

The CSS property to change the border of an element to YUV 116.2600, -1.1142, -16.0140 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(98, 126, 114) }
```


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

```
.border{ border-color:rgb(98, 126, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 126, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 126, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 126, 114);  
box-shadow:4px 4px 4px 4px rgb(98, 126,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 116.2600, -1.1142, -16.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 126, 114) }
```

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

```
.background{ background-color: rgb(98, 126,  
114) }
```

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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