

Converting Colors

YUV(86.5280, 19.4597, 11.8149)

Have a look what the booklet for
YUV(86.5280, 19.4597, 11.8149)
contains.

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Color

**YUV(86.5280, 19.4597,
11.8149)**

Conversions

Conversions Part 1

Format	Color
Hex	64487E
RGB	100, 72, 126
RGB Percent	39%, 28%, 49%
CMY	0.6078, 0.7176, 0.5059
CMYK	0.21, 0.43, 0.00, 0.51
HSL	271°, 27%, 39%
HSV	271°, 43%, 49%
XYZ	11.3388, 8.8504, 20.8493
YIQ	86.5280, -0.6460, 22.7300

Conversions

Conversions Part 2

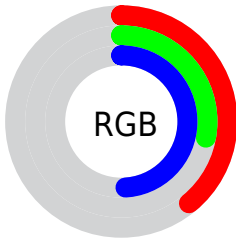
Format	Color
R_{YB}	100, 72, 126
Decimal	6572158
CIE _{Lab}	35.69, 23.32, -26.15
CIE _{LCh}	36, 35.034, 311.724
Y _{xy}	8.8504, 0.2763, 0.2157
Android (android.graphics.Color)	4284762238 (0xFF64487E)
YUV	86.5280, 19.4597, 11.8149
Hunter-Lab	29.7496, 15.9717, -20.7273

Details

The YUV color **86.5280, 19.4597, 11.8149** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **111.4720, -19.4597, -11.8149**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8810, 20.7647, 13.2594**, and **39.8760, 18.3021, 9.7557** is the 20% darker color. If you saturate the color by 10%, you get **77.1030, 24.1062, 14.8187**, and if you desaturate by 10%, it is **95.9530, 14.8132, 8.8112**.

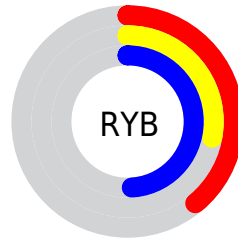
Distribution



Red (39%)

Green (28%)

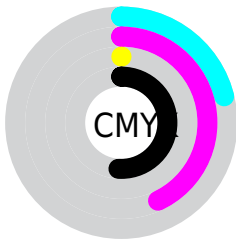
Blue (49%)



Red (39%)

Yellow (28%)

Blue (49%)

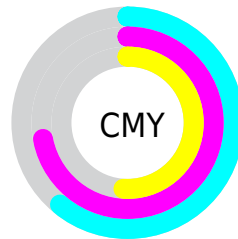


Cyan (21%)

Magenta (43%)

Yellow (0%)

Black (51%)



Cyan (61%)

Magenta (72%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5280, 19.4597, 11.8149 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 86.5280, 19.4597, 11.8149 by changing the saturation by 10% instead.

86.5280, 19.4597,
11.8149

86.5280, 19.4597,
11.8149

255.0000, 0.0000,
0.0000

62.7020, 18.8809,
10.7853

136.8810, 20.7647,
13.2594

39.8760, 18.3021,
9.7557

163.4080, 21.4909,
13.6742

17.7620, 17.8653,
9.8557

190.8210, 21.7802,
14.1890

3.6480, 13.9775,
-3.1993

217.3220, 18.5753,
15.5036

0.4560, 1.7472,
-0.3999

239.7380, 7.5242,
13.3848

0.0000, 0.0000,
0.0000

86.5280, 19.4597,
11.8149

86.5280, 19.4597,
11.8149

77.1030, 24.1062,
14.8187

95.9530, 14.8132,
8.8112

68.2650, 28.4634,
17.3076

104.7910, 10.4560,
6.3223

58.8400, 33.1099,
20.3113

114.2160, 5.8095,
3.3186

50.0020, 37.4670,
22.8002

123.0540, 1.4524,
0.8296

40.5770, 42.1135,
25.8040

132.4790, -3.1941,
-2.1741


33.7990, 45.4551,
27.3633

141.9040, -7.8407,
-5.1778

150.7420,
-12.1978, -7.6667

160.4660,

-16.9917, -10.0557

 169.3040,
-21.3489, -12.5446

Harmonies

Analogous

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



80.4140, 28.8829, -24.0421



86.5280, 19.4597, 11.8149



85.6960, 8.0379, 35.3466

Triad

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



86.5280, 19.4597, 11.8149



82.0040, -26.1310, 28.0605



68.2420, 12.6987, -59.8482

Complementary

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



86.5280, 19.4597, 11.8149



111.4720, -19.4597, -11.8149

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.



64.3490, 0.3209, -56.4341



86.5280, 19.4597, 11.8149



79.9430, -27.0869, 7.9430

Square

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



86.5280, 19.4597, 11.8149



83.0840, -17.2964, 41.1453



76.4930, -17.9910, -16.2184



70.1460, 25.0710, -61.5180

Rectangle

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



86.5280, 19.4597, 11.8149



84.1610, -0.5724, 43.7088



76.4930, -17.9910, -16.2184



67.2160, 8.7675, -58.9484

Sweetspot

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



86.5280, 19.4597, 11.8149



147.6830, 7.5513, 4.6630



93.4180, 16.0629, -18.7836



72.2760, 4.7939, 2.3889



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.



86.5280, 19.4597, 11.8149



102.3190, 29.9157, 18.1372



94.1880, 15.1903, 27.8991



58.9940, 2.4680, 1.7593



34.3260, 46.1813, 27.7781



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.1100, 3.3968, 30.5985



109.3770, 5.2371, 47.0274



103.8120, -15.1903, -27.8991



59.4350, 0.2785, 4.0035



45.2260, 7.7766, 72.5928



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 86.5280, 19.4597, 11.8149 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 ✓ Pass

Black Background



This preview shows how the YUV color 86.5280, 19.4597, 11.8149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 86.5280, 19.4597, 11.8149

Background



This preview shows how black text looks on a background with the YUV color 86.5280, 19.4597, 11.8149.



This preview shows how white text looks on a background with the YUV color 86.5280, 19.4597,

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

86.5280, 19.4597, 11.8149

Protanopia

82.6600, 25.8036, -16.3648

Deuteranopia

83.4770, 19.9778, -14.4503



Tritanopia

85.2720, 0.8519, 6.7775

Trichromacy



Original Color

86.5280, 19.4597, 11.8149

Protanomaly

83.8570, 23.7345, -6.0136

Deuteranomaly

84.8310, 19.8033, -5.1138

Tritanomaly

86.0040, 7.3930, 8.7665

Monochromacy



Original Color

86.5280, 19.4597, 11.8149

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1560, 6.8251, 4.2482

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5280, 19.4597, 11.8149 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(100, 72, 126)` looks like.

```
.text, #text, p{  
    color:rgb(100, 72, 126)  
}
```

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(100, 72, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 72, 126) }
```

Border

The CSS property to change the border of an element to YUV 86.5280, 19.4597, 11.8149 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(100, 72, 126) }
```


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

```
.border{ border-color:rgb(100, 72, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 72, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 72, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 72, 126);  
box-shadow:4px 4px 4px 4px rgb(100, 72,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 86.5280, 19.4597, 11.8149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 72, 126) }
```

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

```
.background{ background-color: rgb(100, 72,  
126) }
```

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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