

Converting Colors

YUV(66.1680, 26.0462, 92.8147)

Have a look what the booklet for
YUV(66.1680, 26.0462, 92.8147)
contains.

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Color

**YUV(66.1680, 26.0462,
92.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	AC0277
RGB	172, 2, 119
RGB Percent	67%, 1%, 47%
CMY	0.3255, 0.9922, 0.5333
CMYK	0.00, 0.99, 0.31, 0.33
HSL	319°, 98%, 34%
HSV	319°, 99%, 67%
XYZ	20.3647, 10.1460, 18.3378
YIQ	66.1680, 63.7630, 72.4270

Conversions

Conversions Part 2

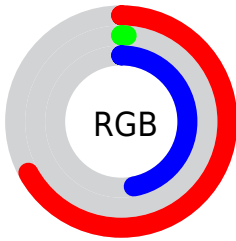
Format	Color
RYB	172, 2, 119
Decimal	11272823
CIELab	38.10, 65.99, -17.17
CIElCh	38, 68.185, 345.418
Yxy	10.1460, 0.4169, 0.2077
Android (android.graphics.Color)	4289462903 (0xFFAC0277)
YUV	66.1680, 26.0462, 92.8147
Hunter-Lab	31.8528, 58.3798, -11.8366

Details

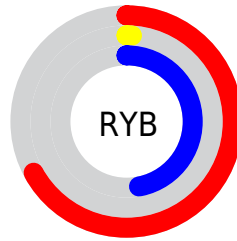
The YUV color **66.1680, 26.0462, 92.8147** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **107.8320, -26.0462, -92.8147**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9960, 16.7640, 83.3185**, and **42.0660, 13.7715, 63.0861** is the 20% darker color. If you saturate the color by 10%, you get **64.8800, 26.1882, 93.9442**, and if you desaturate by 10%, it is **76.7170, 23.3105, 83.5632**.

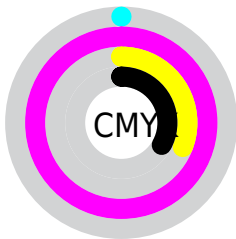
Distribution



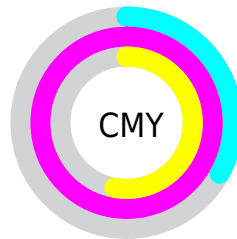
- Red (67%)
- Green (1%)
- Blue (47%)



- Red (67%)
- Yellow (1%)
- Blue (47%)



- Cyan (0%)
- Magenta (99%)
- Yellow (31%)
- Black (33%)





- Cyan (33%)
- Magenta (99%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 66.1680, 26.0462, 92.8147 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 66.1680, 26.0462, 92.8147 by changing the saturation by 10% instead.


 66.1680, 26.0462,
92.8147


 66.1680, 26.0462,
92.8147


255.0000, 0.0000,
0.0000


 53.4730, 19.9798,
78.5152


 136.9960, 16.7640,
83.3185


 42.0660, 13.7715,
63.0861


 164.0880, 17.2116,
79.7298


 31.1860, 8.2893,
48.0719

 184.3030, 21.0496,
62.0013

 21.0180, 2.9491,
34.1872

 204.5180, 24.8876,
44.2727

 8.4860, -3.6906,
17.1138

 221.5410, 16.4953,
29.3435

 0.0000, 0.0000,
0.0000

 238.5640, 8.1029,

14.4144

■ 66.1680, 26.0462,
92.8147

■ 66.1680, 26.0462,
92.8147

■ 64.8800, 26.1882,
93.9442

■ 76.7170, 23.3105,
83.5632

■ 87.3800, 21.0117,
74.2117

■ 98.5160, 17.9866,
64.4455

■ 109.0650, 15.2510,
55.1940

■ 119.7280, 12.9521,
45.8425

■ 130.2770, 10.2164,
36.5911

■ 140.9400, 7.9176,
27.2396

■ 152.0760, 4.8925,
17.4733

■ 162.6250, 2.1569,
8.2219

Harmonies

Analogous

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



89.9860, 38.4609, 30.7073



66.1680, 26.0462, 92.8147



62.0130, 0.9796, 106.1056

Triad

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



66.1680, 26.0462, 92.8147



81.4680, -40.1637, 2.2206



84.3090, 41.2597, -73.9390

Complementary

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



66.1680, 26.0462, 92.8147



107.8320, -26.0462, -92.8147

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.



79.1960, 19.1304, -69.4549



66.1680, 26.0462, 92.8147



62.2220, -30.6754, -54.5687

Square

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



66.1680, 26.0462, 92.8147



84.6670, -41.7408, 41.5110



71.9970, -5.9145, -63.1414



83.6200, 56.3893, -73.3347

Rectangle

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



66.1680, 26.0462, 92.8147



73.7140, -22.5370, 88.8278



71.9970, -5.9145, -63.1414



83.1860, 34.4183, -72.9541

Sweetspot

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



66.1680, 26.0462, 92.8147



182.2770, 10.2164, 36.5911



36.6290, 66.7379, 14.3574



87.1520, 6.3341, 21.7917



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



66.1680, 26.0462, 92.8147



84.5320, 34.2477, 122.3134



56.7060, -10.2081, 101.1128



81.3750, 1.2941, 4.9331



56.7060, 23.3159, 81.8188



8.7010, 3.5984, 12.5402

Inverse Universe

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



66.1680, 26.0462, 92.8147



84.5320, 34.2477, 122.3134



117.2940, 10.2081, -101.1128



81.3750, 1.2941, 4.9331



56.7060, 23.3159, 81.8188



8.7010, 3.5984, 12.5402

Previews

White Background



This preview shows how the YUV color 66.1680, 26.0462, 92.8147 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 66.1680, 26.0462, 92.8147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

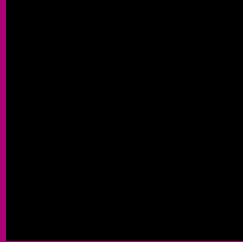
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.1680, 26.0462, 92.8147

Background



This preview shows how black text looks on a background with the YUV color 66.1680, 26.0462, 92.8147.



This preview shows how white text looks on a background with the YUV color 66.1680, 26.0462,

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

66.1680, 26.0462, 92.8147

Protanopia

87.7580, 40.5453, -31.3598

Deuteranopia

92.9920, 8.8779, -0.8700



Tritanopia

83.1080, -16.8152, 73.5733

Trichromacy



Original Color

66.1680, 26.0462, 92.8147



Protanomaly

79.9640, 35.0207, 14.0636



Deuteranomaly

83.2210, 15.1740, 33.1322



Tritanomaly

77.1640, -1.5599, 80.5402

Monochromacy



Original Color

66.1680, 26.0462, 92.8147



Achromatopsia

66.0000, 0.0000, 0.0000



Achromatomaly

66.3260, 9.2063, 33.9171

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.1680, 26.0462, 92.8147 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(172, 2, 119)` looks like.

```
.text, #text, p{  
    color:rgb(172, 2, 119)  
}
```

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(172, 2, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 2, 119) }
```

Border

The CSS property to change the border of an element to YUV 66.1680, 26.0462, 92.8147 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(172, 2, 119) }
```


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

```
.border{ border-color:rgb(172, 2, 119) }
```

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

Here you see how a box with a 4 pixel rgb(172, 2, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 2, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 2, 119);  
box-shadow:4px 4px 4px 4px rgb(172, 2,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 66.1680, 26.0462, 92.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 2, 119) }
```

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

```
.background{ background-color: rgb(172, 2,  
119) }
```

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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