

Converting Colors

YUV(64.5260, 26.3627, 84.6077)

Have a look what the booklet for
YUV(64.5260, 26.3627, 84.6077)
contains.

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Color

**YUV(64.5260, 26.3627,
84.6077)**

Conversions

Conversions Part 1

Format	Color
Hex	A10576
RGB	161, 5, 118
RGB Percent	63%, 2%, 46%
CMY	0.3686, 0.9804, 0.5373
CMYK	0.00, 0.97, 0.27, 0.37
HSL	317°, 94%, 33%
HSV	317°, 97%, 63%
XYZ	18.0222, 8.9936, 17.9256
YIQ	64.5260, 56.7030, 68.2150

Conversions

Conversions Part 2

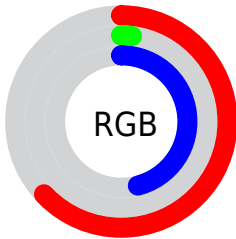
Format	Color
RYB	161, 5, 118
Decimal	10552694
CIELab	35.97, 63.23, -20.01
CIElCh	36, 66.323, 342.442
Yxy	8.9936, 0.4010, 0.2001
Android (android.graphics.Color)	4288742774 (0xFFA10576)
YUV	64.5260, 26.3627, 84.6077
Hunter-Lab	29.9894, 54.7889, -14.4470

Details

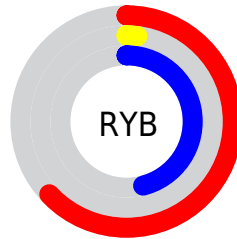
The YUV color **64.5260, 26.3627, 84.6077** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **101.4740, -26.3627, -84.6077**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.1200, 18.6748, 77.0708**, and **38.9620, 14.8087, 57.0383** is the 20% darker color. If you saturate the color by 10%, you get **61.4770, 27.3728, 87.2817**, and if you desaturate by 10%, it is **74.3740, 23.4796, 75.9710**.

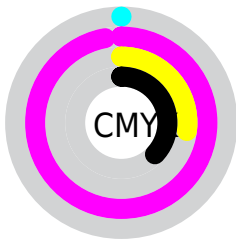
Distribution



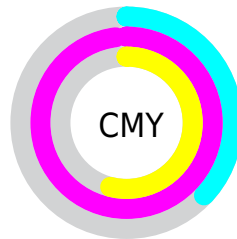
- Red (63%)
- Green (2%)
- Blue (46%)



- Red (63%)
- Yellow (2%)
- Blue (46%)



- Cyan (0%)
- Magenta (97%)
- Yellow (27%)
- Black (37%)





- Cyan (37%)
- Magenta (98%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.5260, 26.3627, 84.6077 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 64.5260, 26.3627, 84.6077 by changing the saturation by 10% instead.


 64.5260, 26.3627,
84.6077


 64.5260, 26.3627,
84.6077


255.0000, 0.0000,
0.0000


 50.0700, 21.1645,
71.8526


 132.1200, 18.6748,
77.0708


 38.9620, 14.8087,
57.0383


 161.3050, 18.0906,
77.7855


 28.3810, 9.1792,
42.6389

 182.4280, 21.4810,
63.6456

 18.2130, 3.8390,
28.7542

 202.6430, 25.3190,
45.9171

 2.0930, -1.0318,
4.3034

 219.7800, 17.3635,
30.8879

 0.0000, 0.0000,
0.0000

 236.8030, 8.9711,

15.9588

254.4130, 0.2894,
0.5148

■ 64.5260, 26.3627,
84.6077

■ 64.5260, 26.3627,
84.6077

■ 61.4770, 27.3728,
87.2817

■ 74.3740, 23.4796,
75.9710

■ 84.3360, 21.0334,
67.2343

■ 94.1840, 18.1503,
58.5976

■ 104.1460, 15.7040,
49.8610

■ 114.5810, 12.5316,
40.7095

■ 124.5430, 10.0853,
31.9728

■ 134.3910, 7.2022,
23.3361

■ 144.3530, 4.7560,
14.5994

■ 154.2010, 1.8729,
5.9627

Harmonies

Analogous

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



85.3440, 38.7774, 22.5003



64.5260, 26.3627, 84.6077



59.7350, 2.5956, 101.0874

Triad

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



64.5260, 26.3627, 84.6077



77.3590, -38.1380, 5.8242



80.0060, 37.4650, -70.1653

Complementary

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



64.5260, 26.3627, 84.6077



101.4740, -26.3627, -84.6077

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.



74.3060, 15.6251, -65.1664



64.5260, 26.3627, 84.6077



58.7000, -28.9391, -51.4799

Square

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



64.5260, 26.3627, 84.6077



79.6610, -39.2729, 43.2703



67.3350, -8.5462, -59.0528



80.0180, 52.7421, -70.1758

Rectangle

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



64.5260, 26.3627, 84.6077



66.6800, -17.5902, 88.8576



67.3350, -8.5462, -59.0528



78.2960, 30.9131, -68.6656

Sweetspot

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



64.5260, 26.3627, 84.6077



171.2550, 10.2273, 33.1024



35.3420, 61.9494, 10.2241



82.0270, 5.9027, 20.1473



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



64.5260, 26.3627, 84.6077



79.7050, 35.1484, 113.3917



55.7480, -7.2708, 92.3060



76.3750, 1.2941, 4.9331



55.3250, 24.4898, 78.6450



6.8640, 3.0250, 9.7663

Inverse Universe

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



64.5260, 26.3627, 84.6077



79.7050, 35.1484, 113.3917



110.2520, 7.2708, -92.3060



76.3750, 1.2941, 4.9331



55.3250, 24.4898, 78.6450



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 64.5260, 26.3627, 84.6077 looks on a white background.

Color Contrast Check

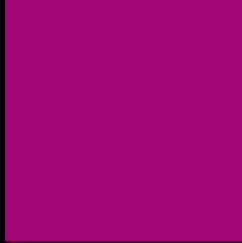
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.5260, 26.3627, 84.6077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

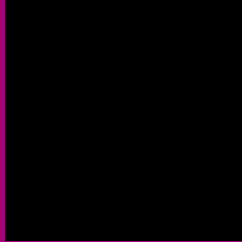
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.5260, 26.3627, 84.6077

Background



This preview shows how black text looks on a background with the YUV color 64.5260, 26.3627, 84.6077.



This preview shows how white text looks on a background with the YUV color 64.5260, 26.3627,

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

64.5260, 26.3627, 84.6077

Protanopia

80.1210, 43.3243, -36.0631

Deuteranopia

87.2520, 11.2148, -3.7290



Tritanopia

79.8190, -15.1938, 66.8107

Trichromacy



Original Color

64.5260, 26.3627, 84.6077

Protanomaly

74.2020, 37.3684, 7.7158

Deuteranomaly

78.9430, 16.7901, 28.1140

Tritanomaly

74.4620, -0.2278, 73.2628

Monochromacy



Original Color

64.5260, 26.3627, 84.6077

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7170, 9.5065, 30.9432

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.5260, 26.3627, 84.6077 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(161, 5, 118)` looks like.

```
.text, #text, p{  
    color:rgb(161, 5, 118)  
}
```

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(161, 5, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 5, 118) }
```

Border

The CSS property to change the border of an element to YUV 64.5260, 26.3627, 84.6077 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(161, 5, 118) }
```


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

```
.border{ border-color:rgb(161, 5, 118) }
```

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

Here you see how a box with a 4 pixel rgb(161, 5, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 5, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 5, 118);  
box-shadow:4px 4px 4px 4px rgb(161, 5,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 64.5260, 26.3627, 84.6077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 5, 118) }
```

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

```
.background{ background-color: rgb(161, 5,  
118) }
```

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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