

Converting Colors

YUV(103.0310, 26.6067, 6.1118)

Have a look what the booklet for
YUV(103.0310, 26.6067, 6.1118)
contains.

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Color

**YUV(103.0310, 26.6067,
6.1118)**

Conversions

Conversions Part 1

Format	Color
Hex	6E599D
RGB	110, 89, 157
RGB Percent	43%, 35%, 62%
CMY	0.5686, 0.6510, 0.3843
CMYK	0.30, 0.43, 0.00, 0.38
HSL	259°, 28%, 48%
HSV	259°, 43%, 62%
XYZ	16.0886, 12.8941, 33.5391
YIQ	103.0310, -9.3120, 25.6000

Conversions

Conversions Part 2

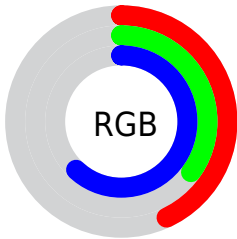
Format	Color
R_{YB}	110, 89, 157
Decimal	7231901
CIE _{Lab}	42.60, 23.99, -34.03
CIE _{LCh}	43, 41.634, 305.177
Yxy	12.8941, 0.2573, 0.2062
Android (android.graphics.Color)	4285421981 (0xFF6E599D)
YUV	103.0310, 26.6067, 6.1118
Hunter-Lab	35.9083, 17.1367, -30.2423

Details

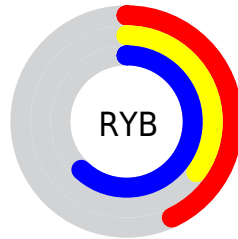
The YUV color **103.0310, 26.6067, 6.1118** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **142.9690, -26.6067, -6.1118**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4980, 28.3485, 7.4563**, and **54.8520, 24.7230, 3.6378** is the 20% darker color. If you saturate the color by 10%, you get **90.3500, 32.8585, 7.5861**, and if you desaturate by 10%, it is **115.7120, 20.3550, 4.6376**.

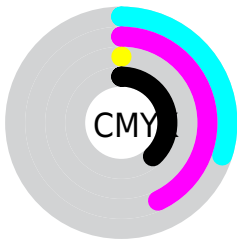
Distribution



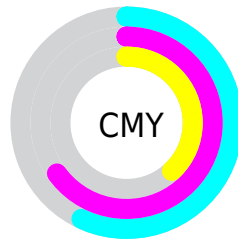
- Red (43%)
- Green (35%)
- Blue (62%)



- Red (43%)
- Yellow (35%)
- Blue (62%)



- Cyan (30%)
- Magenta (43%)
- Yellow (0%)
- Black (38%)



- Cyan (57%)
- Magenta (65%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.0310, 26.6067, 6.1118 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 103.0310, 26.6067, 6.1118 by changing the saturation by 10% instead.

■ 103.0310, 26.6067,
6.1118

■ 103.0310, 26.6067,
6.1118

■ 255.0000, 0.0000,
0.0000

■ 78.2050, 26.0279,
5.0822

■ 154.4980, 28.3485,
7.4563

■ 54.8520, 24.7230,
3.6378

■ 181.9110, 28.6379,
7.9711

■ 32.3140, 24.0022,
1.4786

■ 207.8420, 23.2489,
9.7856

■ 10.0860, 23.1286,
1.6786

■ 232.9490, 10.8711,
13.1997

■ 5.1640, 14.7091,
-4.5288

■ 252.0650, 1.4470,
2.5740

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 103.0310, 26.6067,
6.1118

■ 103.0310, 26.6067,
6.1118

■ 90.3500, 32.8585,
7.5861

■ 115.7120, 20.3550,
4.6376

■ 78.2560, 38.8208,
8.5455

■ 127.8060, 14.3926,
3.6781

■ 65.5750, 45.0725,
10.0197

■ 140.4870, 8.1409,
2.2039

■ 53.1930, 51.1769,
12.1087

■ 152.8690, 2.0366,
0.1149

■ 40.5120, 57.4286,
13.5830

■ 165.5500, -4.2151,
-1.3593

■ 32.2500, 61.5018,
13.8127

■ 177.6440,
-10.1775, -2.3188

■ 190.3250,
-16.4292, -3.7930

■ 203.0060,
-22.6810, -5.2673

■ 215.1000,
-28.6433, -6.2267

Harmonies

Analogous

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



90.8010, 38.5521, -45.4295



103.0310, 26.6067, 6.1118



102.7980, 13.4106, 38.7652

Triad

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



103.0310, 26.6067, 6.1118



98.3320, -30.2367, 38.2968



80.7630, 12.4418, -70.8292

Complementary

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



103.0310, 26.6067, 6.1118



142.9690, -26.6067, -6.1118

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.



81.1660, -5.5048, -54.5196



103.0310, 26.6067, 6.1118



96.3370, -34.6761, 15.4905

Square

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



103.0310, 26.6067, 6.1118



99.0470, -17.7712, 53.4558



92.5660, -25.4220, -12.7744



83.9380, 27.1456, -73.6136

Rectangle

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



103.0310, 26.6067, 6.1118



101.2420, 3.3317, 51.5308



92.5660, -25.4220, -12.7744



79.3950, 7.2003, -69.6294

Sweetspot

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



103.0310, 26.6067, 6.1118



182.7690, 10.4669, 2.8336



124.9280, 15.8115, -31.5089



89.3190, 6.2517, 1.4742



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



103.0310, 26.6067, 6.1118



119.9510, 41.4362, 9.6900



112.8980, 21.7423, 26.3995



72.8090, 3.0522, 1.0445



29.4580, 55.9762, 12.7533



3.2050, 5.8149, 1.5742

Inverse Universe

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



114.6900, 10.5058, 37.1059



138.0160, 16.2611, 57.8680



133.1020, -21.7423, -26.3995



74.0760, 1.4415, 4.3183



54.0430, 22.1638, 78.0153



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 103.0310, 26.6067, 6.1118 looks on a white background.

Color Contrast Check

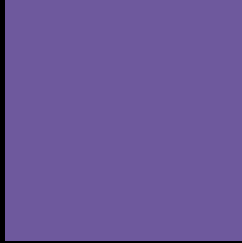
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.0310, 26.6067, 6.1118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

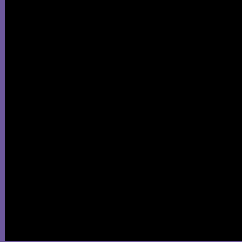
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.0310, 26.6067, 6.1118

Background



This preview shows how black text looks on a background with the YUV color 103.0310, 26.6067, 6.1118.



This preview shows how white text looks on a background with the YUV color 103.0310, 26.6067, 6.1118.

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

103.0310, 26.6067, 6.1118

Protanopia

99.1630, 32.9506, -22.0680

Deuteranopia

98.4960, 27.8565, -21.4830



Tritanopia

100.9120, 3.4944, -0.7998

Trichromacy



Original Color

103.0310, 26.6067, 6.1118

Protanomaly

100.3600, 30.8815, -11.7167

Deuteranomaly

100.1490, 27.5345, -11.5317

Tritanomaly

101.8120, 11.9247, 1.9189

Monochromacy



Original Color

103.0310, 26.6067, 6.1118

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.2420, 9.7407, 2.4188

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0310, 26.6067, 6.1118 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(110, 89, 157)` looks like.

```
.text, #text, p{  
    color:rgb(110, 89, 157)  
}
```

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(110, 89, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 89, 157) }
```

Border

The CSS property to change the border of an element to YUV 103.0310, 26.6067, 6.1118 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(110, 89, 157) }
```


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

```
.border{ border-color:rgb(110, 89, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 89, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 89, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 89, 157);  
box-shadow:4px 4px 4px 4px rgb(110, 89,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 103.0310, 26.6067, 6.1118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 89, 157) }
```

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

```
.background{ background-color: rgb(110, 89,  
157) }
```

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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