

Converting Colors

YUV(97.2160, 26.0225, 6.8266)

Have a look what the booklet for
YUV(97.2160, 26.0225, 6.8266)
contains.

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Color

**YUV(97.2160, 26.0225,
6.8266)**

Conversions

Conversions Part 1

Format	Color
Hex	695396
RGB	105, 83, 150
RGB Percent	41%, 33%, 59%
CMY	0.5882, 0.6745, 0.4118
CMYK	0.30, 0.45, 0.00, 0.41
HSL	260°, 29%, 46%
HSV	260°, 45%, 59%
XYZ	14.4240, 11.3918, 30.2928
YIQ	97.2160, -8.3950, 25.5010

Conversions

Conversions Part 2

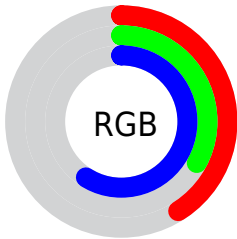
Format	Color
R_{YB}	105, 83, 150
Decimal	6902678
CIE _{Lab}	40.23, 24.32, -33.61
CIE _{LCh}	40, 41.484, 305.883
Yxy	11.3918, 0.2571, 0.2030
Android (android.graphics.Color)	4285092758 (0xFF695396)
YUV	97.2160, 26.0225, 6.8266
Hunter-Lab	33.7517, 17.2174, -29.5876

Details

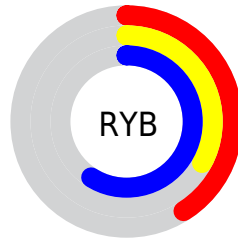
The YUV color **97.2160, 26.0225, 6.8266** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.7840, -26.0225, -6.8266**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6830, 27.7643, 8.1710**, and **49.4500, 24.4281, 4.8673** is the 20% darker color. If you saturate the color by 10%, you get **85.4210, 31.8374, 8.4008**, and if you desaturate by 10%, it is **109.0110, 20.2076, 5.2524**.

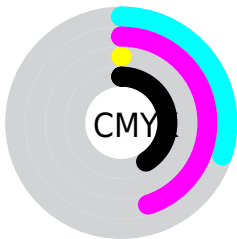
Distribution



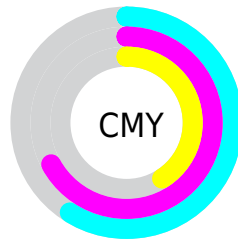
- Red (41%)
- Green (33%)
- Blue (59%)



- Red (41%)
- Yellow (33%)
- Blue (59%)



- Cyan (30%)
- Magenta (45%)
- Yellow (0%)
- Black (41%)



- Cyan (59%)
- Magenta (67%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2160, 26.0225, 6.8266 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 97.2160, 26.0225, 6.8266 by changing the saturation by 10% instead.

■ 97.2160, 26.0225,
6.8266

■ 97.2160, 26.0225,
6.8266

■ 255.0000, 0.0000,
0.0000

■ 73.2760, 25.0069,
5.8969

■ 148.6830, 27.7643,
8.1710

■ 49.4500, 24.4281,
4.8673

■ 175.2100, 28.4905,
8.5858

■ 26.7980, 23.2706,
2.8082

■ 202.2380, 26.0117,
10.3153

■ 9.5160, 20.9446,
2.1785

■ 227.0460, 13.7813,
13.1147

■ 4.4800, 12.0884,
-3.9290

■ 247.3690, 3.7621,
6.6924

■ 0.0000, 0.0000,
0.0000

97.2160, 26.0225,
6.8266

97.2160, 26.0225,
6.8266

85.4210, 31.8374,
8.4008

109.0110, 20.2076,
5.2524

73.6260, 37.6524,
9.9750

120.8060, 14.3926,
3.6781

61.8310, 43.4673,
11.5492

132.6010, 8.5777,
2.1039

50.0360, 49.2823,
13.1234

144.3960, 2.7628,
0.5297

38.2410, 55.0972,
14.6976

156.1910, -3.0522,
-1.0445


31.7510, 58.2968,
15.1274

167.9860, -8.8671,
-2.6187

180.0800,
-14.8294, -3.5782

191.8750,

-20.6444, -5.1524

 203.6700,
-26.4593, -6.7266

Harmonies

Analogous

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



84.6870, 38.1153, -45.3295



97.2160, 26.0225, 6.8266



96.6840, 12.9738, 38.8651

Triad

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



97.2160, 26.0225, 6.8266



92.6200, -30.3787, 37.1673



76.6710, 11.9942, -67.2405

Complementary

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



97.2160, 26.0225, 6.8266



135.7840, -26.0225, -6.8266

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.



72.4040, -3.1572, -60.8673



97.2160, 26.0225, 6.8266



90.1520, -34.0919, 14.7757

Square

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



97.2160, 26.0225, 6.8266



93.3350, -17.9132, 52.3262



86.3810, -24.8378, -13.4891



79.8460, 26.6979, -70.0249

Rectangle

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



97.2160, 26.0225, 6.8266



94.8290, 3.0423, 51.0160



86.3810, -24.8378, -13.4891



75.3030, 6.7526, -66.0407

Sweetspot

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



97.2160, 26.0225, 6.8266



174.2420, 9.7407, 2.4188



117.6400, 15.9535, -30.3793



84.3190, 6.2517, 1.4742



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



97.2160, 26.0225, 6.8266



111.4350, 40.7045, 11.0195



107.0830, 21.1581, 27.1142



68.3960, 2.7628, 0.5297



29.1870, 53.6448, 13.8680



2.0370, 3.9258, 0.8446

Inverse Universe

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



108.1630, 9.7796, 36.6910



128.3750, 15.0981, 57.5531



125.9170, -21.1581, -27.1142



69.6630, 1.1521, 3.8035



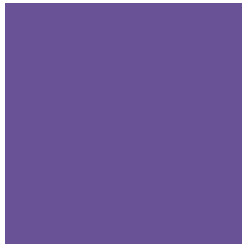
51.7500, 19.8433, 75.6412



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 97.2160, 26.0225, 6.8266 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 97.2160, 26.0225, 6.8266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

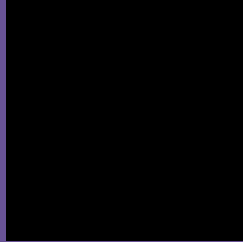
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.2160, 26.0225, 6.8266

Background



This preview shows how black text looks on a background with the YUV color 97.2160, 26.0225, 6.8266.



This preview shows how white text looks on a background with the YUV color 97.2160, 26.0225,

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

97.2160, 26.0225, 6.8266

Protanopia

92.7500, 32.6613, -22.5828

Deuteranopia

92.9690, 27.1303, -21.8978



Tritanopia

95.0970, 2.9102, -0.0851

Trichromacy



Original Color

97.2160, 26.0225, 6.8266

Protanomaly

94.2460, 30.4447, -11.6167

Deuteranomaly

94.6220, 26.8084, -11.9465

Tritanomaly

95.9970, 11.3405, 2.6336

Monochromacy



Original Color

97.2160, 26.0225, 6.8266

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1280, 9.3039, 2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2160, 26.0225, 6.8266 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(105, 83, 150)` looks like.

```
.text, #text, p{  
    color:rgb(105, 83, 150)  
}
```

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(105, 83, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 83, 150) }
```

Border

The CSS property to change the border of an element to YUV 97.2160, 26.0225, 6.8266 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(105, 83, 150) }
```


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

```
.border{ border-color:rgb(105, 83, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 83, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 83, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 83, 150); box-shadow:4px 4px 4px 4px rgb(105, 83, 150) }
```

Background

The CSS property to change the background color of an element to YUV 97.2160, 26.0225, 6.8266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 83, 150) }
```

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

```
.background{ background-color: rgb(105, 83,  
150) }
```

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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