

Converting Colors

YUV(116.6720, 27.7697, 6.4267)

Have a look what the booklet for
YUV(116.6720, 27.7697, 6.4267)
contains.

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Color

**YUV(116.6720, 27.7697,
6.4267)**

Conversions

Conversions Part 1

Format	Color
Hex	7C66AD
RGB	124, 102, 173
RGB Percent	49%, 40%, 68%
CMY	0.5137, 0.6000, 0.3216
CMYK	0.28, 0.41, 0.00, 0.32
HSL	259°, 30%, 54%
HSV	259°, 41%, 68%
XYZ	20.6064, 16.8050, 41.6928
YIQ	116.6720, -9.6790, 26.7450

Conversions

Conversions Part 2

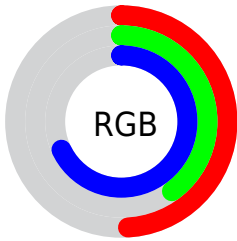
Format	Color
R _{YB}	124, 102, 173
Decimal	8152749
CIE _{Lab}	48.01, 24.45, -34.86
CIE _{LCh}	48, 42.584, 305.043
Y _{xy}	16.8050, 0.2605, 0.2124
Android (android.graphics.Color)	4286342829 (0xFF7C66AD)
Y _{UV}	116.6720, 27.7697, 6.4267
Hunter-Lab	40.9939, 17.9873, -31.6052

Details

The YUV color **116.6720, 27.7697, 6.4267** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **158.3280, -27.7697, -6.4267**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1390, 29.5115, 7.7711**, and **67.7920, 25.7385, 4.5674** is the 20% darker color. If you saturate the color by 10%, you get **103.1050, 34.4582, 7.8009**, and if you desaturate by 10%, it is **130.2390, 21.0812, 5.0524**.

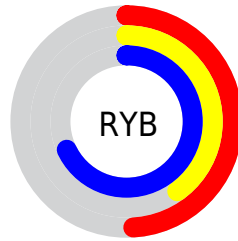
Distribution



Red (49%)

Green (40%)

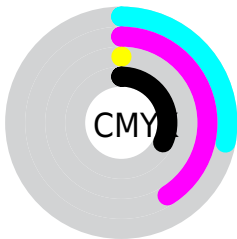
Blue (68%)



Red (49%)

Yellow (40%)

Blue (68%)

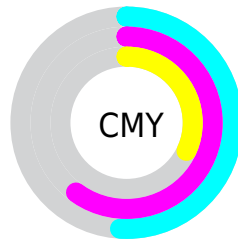


Cyan (28%)

Magenta (41%)

Yellow (0%)

Black (32%)



Cyan (51%)

Magenta (60%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6720, 27.7697, 6.4267 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 116.6720, 27.7697, 6.4267 by changing the saturation by 10% instead.

■ 116.6720, 27.7697,
6.4267

■ 116.6720, 27.7697,
6.4267

■ 255.0000, 0.0000,
0.0000

■ 91.7320, 26.7541,
5.4970

■ 169.1390, 29.5115,
7.7711

■ 67.7920, 25.7385,
4.5674

■ 196.3240, 28.9273,
8.4859

■ 44.5530, 24.8704,
3.0230

■ 221.4310, 16.5495,
11.9000

■ 21.7160, 24.2970,
0.2491

■ 243.8470, 5.4984,
9.7812

■ 5.4720, 20.9663,
-4.7989

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,

0.0000

■ 116.6720, 27.7697,
6.4267

■ 116.6720, 27.7697,
6.4267

■ 103.1050, 34.4582,
7.8009

■ 130.2390, 21.0812,
5.0524

■ 88.9510, 41.4362,
9.6900

■ 144.3930, 14.1033,
3.1633

■ 75.3840, 48.1247,
11.0642

■ 157.9600, 7.4147,
1.7891

■ 61.8170, 54.8132,
12.4385

■ 171.5270, 0.7262,
0.4148

■ 48.2500, 61.5018,
13.8127

■ 185.6810, -6.2517,
-1.4742

■ 35.8680, 67.6061,
15.9018

■ 199.2480,
-12.9403, -2.8485

■ 212.8150,
-19.6288, -4.2228

■ 226.3820,
-26.3173, -5.5970

■ 238.4760,
-32.2797, -6.5565

Harmonies

Analogous

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



105.7410, 39.5677, -44.4999



116.6720, 27.7697, 6.4267



116.9230, 13.8420, 40.4095

Triad

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



116.6720, 27.7697, 6.4267



112.0010, -31.5525, 40.3411



91.0500, 13.7794, -79.8508

Complementary

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



116.6720, 27.7697, 6.4267



158.3280, -27.7697, -6.4267

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.



95.8350, -6.8207, -52.4753



116.6720, 27.7697, 6.4267



109.5220, -35.2603, 16.2052

Square

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



116.6720, 27.7697, 6.4267



113.1290, -18.7976, 56.0149



105.9250, -26.5850, -13.0892



94.4530, 29.3567, -82.8353

Rectangle

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



116.6720, 27.7697, 6.4267



115.1390, 2.8895, 53.3751



105.9250, -26.5850, -13.0892



89.0950, 8.8272, -78.1363

Sweetspot

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



116.6720, 27.7697, 6.4267



202.7690, 10.4669, 2.8336



139.4440, 16.5431, -32.8384



99.3190, 6.2517, 1.4742



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.



116.6720, 27.7697, 6.4267



137.0050, 42.8885, 10.5196



127.1370, 22.6105, 27.9439



79.9230, 3.4890, 0.9445



31.1530, 58.5916, 13.8978



4.7150, 9.0145, 2.0039

Inverse Universe

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



128.8150, 10.9372, 38.7502



155.5540, 16.9819, 60.0271



147.8630, -22.6105, -27.9439



81.3750, 1.2941, 4.9331



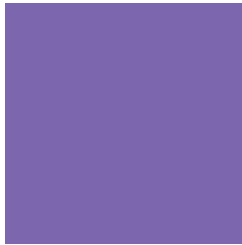
56.7060, 23.3159, 81.8188



8.7010, 3.5984, 12.5402

Previews

White Background



This preview shows how the YUV color 116.6720, 27.7697, 6.4267 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 116.6720, 27.7697, 6.4267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

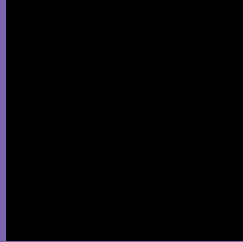
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.6720, 27.7697, 6.4267

Background



This preview shows how black text looks on a background with the YUV color 116.6720, 27.7697, 6.4267.

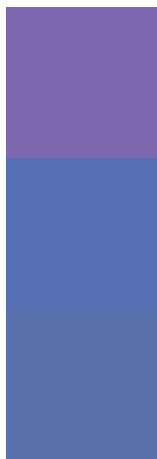


This preview shows how white text looks on a background with the YUV color 116.6720, 27.7697,

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

116.6720, 27.7697, 6.4267

Protanopia

112.3910, 33.8242, -22.2679

Deuteranopia

112.1370, 29.0195, -21.1681



Tritanopia

114.3250, 3.7838, -0.2850

Trichromacy



Original Color

116.6720, 27.7697, 6.4267

Protanomaly

113.5880, 31.7551, -11.9167

Deuteranomaly

113.7900, 28.6975, -11.2168

Tritanomaly

115.3390, 12.6509, 2.3337

Monochromacy



Original Color

116.6720, 27.7697, 6.4267

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.2420, 9.7407, 2.4188

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6720, 27.7697, 6.4267 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(124, 102, 173)` looks like.

```
.text, #text, p{  
    color:rgb(124, 102, 173)  
}
```

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(124, 102, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 102, 173) }
```

Border

The CSS property to change the border of an element to YUV 116.6720, 27.7697, 6.4267 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(124, 102, 173) }
```


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

```
.border{ border-color:rgb(124, 102, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 102, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 102, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 102, 173);  
box-shadow:4px 4px 4px 4px rgb(124, 102,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 116.6720, 27.7697, 6.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 102, 173) }
```

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

```
.background{ background-color: rgb(124,  
102, 173) }
```

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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