

Converting Colors

YUV(116.4610, 24.4227, 6.6117)

Have a look what the booklet for
YUV(116.4610, 24.4227, 6.6117)
contains.

YUV(116.4610, 24.4227, 6.6117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(116.4610, 24.4227,
6.6117)**

Conversions

Conversions Part 1

Format	Color
Hex	7C67A6
RGB	124, 103, 166
RGB Percent	49%, 40%, 65%
CMY	0.5137, 0.5961, 0.3490
CMYK	0.25, 0.38, 0.00, 0.35
HSL	260°, 26%, 53%
HSV	260°, 38%, 65%
XYZ	20.0454, 16.7388, 38.2508
YIQ	116.4610, -7.7070, 24.0450

Conversions

Conversions Part 2

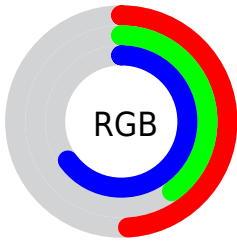
Format	Color
RYB	124, 103, 166
Decimal	8152998
CIELab	47.93, 22.06, -30.90
CIElCh	48, 37.966, 305.529
Yxy	16.7388, 0.2671, 0.2231
Android (android.graphics.Color)	4286343078 (0xFF7C67A6)
YUV	116.4610, 24.4227, 6.6117
Hunter-Lab	40.9130, 15.8584, -26.7928

Details

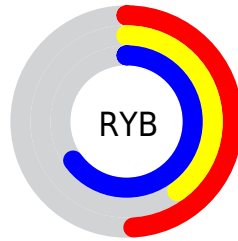
The YUV color **116.4610, 24.4227, 6.6117** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **152.5390, -24.4227, -6.6117**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8140, 25.7277, 8.0561**, and **67.6950, 22.8284, 4.6525** is the 20% darker color. If you saturate the color by 10%, you get **103.1930, 30.9639, 8.6007**, and if you desaturate by 10%, it is **129.7290, 17.8816, 4.6227**.

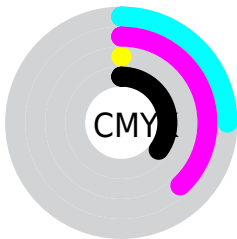
Distribution



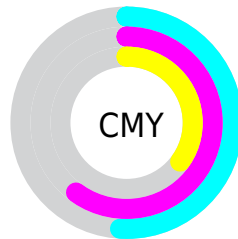
- Red (49%)
- Green (40%)
- Blue (65%)



- Red (49%)
- Yellow (40%)
- Blue (65%)



- Cyan (25%)
- Magenta (38%)
- Yellow (0%)
- Black (35%)



- Cyan (51%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.4610, 24.4227, 6.6117 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 116.4610, 24.4227, 6.6117 by changing the saturation by 10% instead.

■ 116.4610, 24.4227,
6.6117

■ 116.4610, 24.4227,
6.6117

■ 255.0000, 0.0000,
0.0000

■ 91.5210, 23.4071,
5.6821

■ 168.8140, 25.7277,
8.0561

■ 67.6950, 22.8284,
4.6525

■ 196.3410, 26.4539,
8.4709

■ 44.7550, 21.8128,
3.7229

■ 221.7190, 16.4075,
10.7704

■ 22.2170, 21.0920,
1.5637

■ 244.4340, 5.2090,
9.2664

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 116.4610, 24.4227,
6.6117

■ 116.4610, 24.4227,
6.6117

■ 103.1930, 30.9639,
8.6007

■ 129.7290, 17.8816,
4.6227

■ 90.5120, 37.2156,
10.0750

■ 142.4100, 11.6299,
3.1484

■ 77.2440, 43.7567,
12.0640

■ 155.6780, 5.0887,
1.1594

■ 64.5630, 50.0084,
13.5382

■ 168.3590, -1.1630,
-0.3148

■ 51.2950, 56.5496,
15.5273

■ 181.6270, -7.7041,
-2.3039

■ 38.0270, 63.0907,
17.5163

■ 194.8950,
-14.2452, -4.2929

■ 35.3690, 64.4011,
17.2164

■ 207.5760,
-20.4970, -5.7672

■ 221.1430,
-27.1855, -7.1414

■ 233.8240,
-33.4372, -8.6156

Harmonies

Analogous

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



108.3140, 33.8622, -34.4784



116.4610, 24.4227, 6.6117



116.7330, 11.9636, 36.1912

Triad

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



116.4610, 24.4227, 6.6117



112.7770, -28.4841, 36.1526



89.8760, 14.3581, -78.8213

Complementary

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



116.4610, 24.4227, 6.6117



152.5390, -24.4227, -6.6117

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.



99.5910, -6.7004, -44.3683



116.4610, 24.4227, 6.6117



110.3630, -30.7450, 14.5906

Square

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



116.4610, 24.4227, 6.6117



114.0250, -17.7603, 49.9671



106.8480, -23.0961, -12.1447



92.8230, 28.1883, -81.4058

Rectangle

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



116.4610, 24.4227, 6.6117



115.5790, 2.1796, 47.7272



106.8480, -23.0961, -12.1447



88.6220, 9.5534, -77.7215

Sweetspot

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



116.4610, 24.4227, 6.6117



198.1280, 9.3039, 2.5187



134.8360, 15.3639, -27.9202



98.2050, 5.8149, 1.5742



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



116.4610, 24.4227, 6.6117



138.2670, 38.8154, 10.2898



126.0290, 19.7057, 26.2846



77.8090, 3.0522, 1.0445



31.5230, 57.4232, 15.3273



4.3730, 7.7041, 2.3039

Inverse Universe

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



126.6250, 9.0589, 34.5319



154.5380, 14.5248, 54.7792



142.9710, -19.7057, -26.2846



78.9620, 1.0047, 4.4183



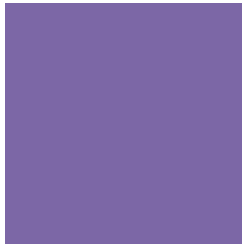
55.5380, 21.4268, 81.0892



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 116.4610, 24.4227, 6.6117 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 116.4610, 24.4227, 6.6117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

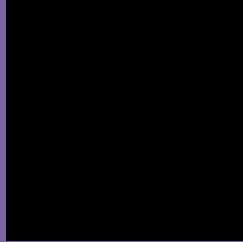
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.4610, 24.4227, 6.6117

Background



This preview shows how black text looks on a background with the YUV color 116.4610, 24.4227, 6.6117.

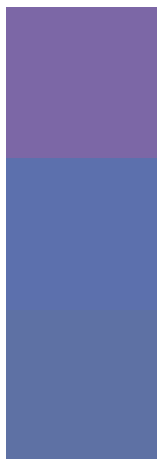


This preview shows how white text looks on a background with the YUV color 116.4610, 24.4227,

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

116.4610, 24.4227, 6.6117

Protanopia

112.9740, 29.5928, -18.3942

Deuteranopia

113.1330, 25.0774, -16.7796



Tritanopia

114.2220, 3.3416, 1.5593

Trichromacy



Original Color

116.4610, 24.4227, 6.6117

Protanomaly

114.4590, 27.3817, -9.1725

Deuteranomaly

114.1880, 25.0503, -8.0579

Tritanomaly

115.1820, 10.7563, 3.3484

Monochromacy



Original Color

116.4610, 24.4227, 6.6117

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0140, 8.8671, 2.6187

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4610, 24.4227, 6.6117 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, 103, 166)` looks like.

```
.text, #text, p{  
    color:rgb(124, 103, 166)  
}
```

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, 103, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 103, 166) }
```

Border

The CSS property to change the border of an element to YUV 116.4610, 24.4227, 6.6117 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, 103, 166) }
```


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

```
.border{ border-color:rgb(124, 103, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 103, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 103, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 103, 166);  
box-shadow:4px 4px 4px 4px rgb(124, 103,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 116.4610, 24.4227, 6.6117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 103, 166) }
```

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

```
.background{ background-color: rgb(124,  
103, 166) }
```

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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