

Converting Colors

YUV(151.3100, 6.7492, 28.6691)

Have a look what the booklet for
YUV(151.3100, 6.7492, 28.6691)
contains.

YUV(151.3100, 6.7492, 28.6691)	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(151.3100, 6.7492,
28.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	B884A5
RGB	184, 132, 165
RGB Percent	72%, 52%, 65%
CMY	0.2784, 0.4824, 0.3529
CMYK	0.00, 0.28, 0.10, 0.28
HSL	322°, 27%, 62%
HSV	322°, 28%, 72%
XYZ	34.8100, 29.4095, 39.4392
YIQ	151.3100, 20.3990, 21.2870

Conversions

Conversions Part 2

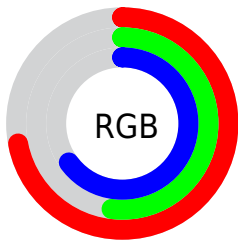
Format	Color
RYB	184, 132, 165
Decimal	12092581
CIELab	61.14, 25.23, -9.56
CIElCh	61, 26.979, 339.236
Yxy	29.4095, 0.3358, 0.2837
Android (android.graphics.Color)	4290282661 (0xFFB884A5)
YUV	151.3100, 6.7492, 28.6691
Hunter-Lab	54.2305, 19.6737, -5.1574

Details

The YUV color **151.3100, 6.7492, 28.6691** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164.6900, -6.7492, -28.6691**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3210, 6.7437, 30.4135**, and **99.8860, 6.4652, 26.4100** is the 20% darker color. If you saturate the color by 10%, you get **139.9460, 8.9006, 38.6354**, and if you desaturate by 10%, it is **162.6740, 4.5977, 18.7029**.

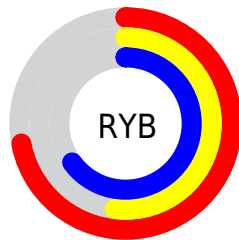
Distribution



Red (72%)

Green (52%)

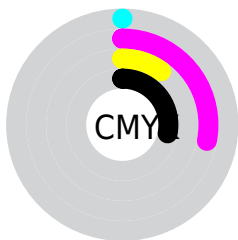
Blue (65%)



Red (72%)

Yellow (52%)

Blue (65%)

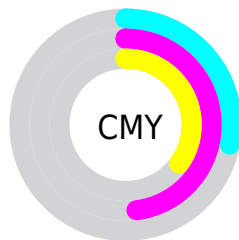


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (28%)



Cyan (28%)


Magenta (48%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.3100, 6.7492, 28.6691 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 151.3100, 6.7492, 28.6691 by changing the saturation by 10% instead.

 151.3100, 6.7492,
28.6691


 151.3100, 6.7492,
28.6691


255.0000, 0.0000,
0.0000


 125.0110, 6.8966,
28.0544

 206.3210, 6.7437,
30.4135


 99.8860, 6.4652,
26.4100

 229.6620, 9.5336,
22.2214

 75.2880, 6.7600,
25.1804

 247.3690, 3.7621,
6.6924

 51.8750, 6.4706,
24.6656

 28.6900, 7.0548,
23.9509

 13.3860, 4.7397,
19.8325

 0.0000, 0.0000,

0.0000

151.3100, 6.7492,
28.6691

151.3100, 6.7492,
28.6691

139.9460, 8.9006,
38.6354

162.6740, 4.5977,
18.7029

128.1090, 11.7783,
49.0164

174.5110, 1.7201,
8.3219

116.7450, 13.9297,
58.9826

185.8750, -0.4314,
-1.6444

104.7940, 16.3706,
69.4637

197.8260, -2.8722,
-12.1254

93.4300, 18.5220,
79.4299

209.1900, -5.0237,
-22.0916

82.1800, 21.1103,
89.2961

220.4400, -7.6119,
-31.9579

■ 70.2290, 23.5511,
99.7772

■ 228.8690, -8.3164,
-39.3501

■ 68.3540, 23.9825,
101.4215

■ 229.6670, -5.2588,
-40.0500

■ 230.4650, -2.2012,
-40.7498

Harmonies

Analogous

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



150.5230, 16.9972, 8.3113



151.3100, 6.7492, 28.6691



150.6890, -4.7767, 38.8607

Triad

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



151.3100, 6.7492, 28.6691



145.2190, -22.2930, 10.3319



135.0390, 20.6868, -55.2852

Complementary

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



151.3100, 6.7492, 28.6691



164.6900, -6.7492, -28.6691

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.



135.6840, 9.0298, -49.7119



151.3100, 6.7492, 28.6691



142.6940, -16.1181, -10.2556

Square

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



151.3100, 6.7492, 28.6691



147.5570, -21.4736, 27.5755



138.9500, -4.4123, -31.5281



140.6800, 25.3008, -41.8154

Rectangle

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



151.3100, 6.7492, 28.6691



150.0390, -12.3442, 39.4308



138.9500, -4.4123, -31.5281



134.5290, 17.4872, -55.7149

Sweetspot

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



151.3100, 6.7492, 28.6691



228.0490, 2.4408, 10.4810



143.3100, 20.0602, 5.8671



112.3860, 1.2887, 6.6775



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



151.3100, 6.7492, 28.6691



188.4460, 10.6261, 45.2129



148.4600, -4.1708, 31.1686



86.2610, 0.8573, 5.0331



57.9300, 20.2475, 86.0074



10.4240, 3.7350, 15.4142

Inverse Universe

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



151.3100, 6.7492, 28.6691



188.4460, 10.6261, 45.2129



167.5400, 4.1708, -31.1686



86.2610, 0.8573, 5.0331



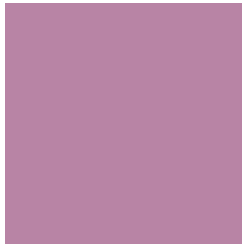
57.9300, 20.2475, 86.0074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 151.3100, 6.7492, 28.6691 looks on a white background.

Color Contrast Check

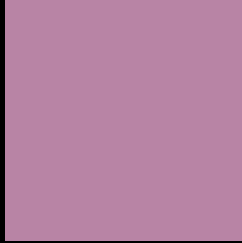
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 151.3100, 6.7492, 28.6691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

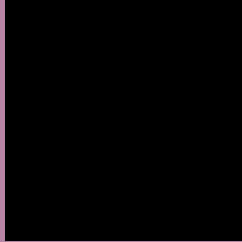
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 151.3100, 6.7492, 28.6691 Background



This preview shows how black text looks on a background with the YUV color 151.3100, 6.7492, 28.6691.



This preview shows how white text looks on a background with the YUV color 151.3100, 6.7492,

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

151.3100, 6.7492, 28.6691

Protanopia

148.6970, 12.9674, -5.8733

Deuteranopia

149.4550, 6.6777, 4.8630



Tritanopia

150.3070, -2.1234, 27.7948

Trichromacy



Original Color

151.3100, 6.7492, 28.6691

Protanomaly

149.7910, 10.4560, 6.3223

Deuteranomaly

150.5100, 6.6506, 13.5847

Tritanomaly

150.8170, 1.0762, 28.2245

Monochromacy



Original Color

151.3100, 6.7492, 28.6691

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0490, 2.4408, 10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.3100, 6.7492, 28.6691 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(184, 132, 165)` looks like.

```
.text, #text, p{  
    color:rgb(184, 132, 165)  
}
```

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(184, 132, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 132, 165) }
```

Border

The CSS property to change the border of an element to YUV 151.3100, 6.7492, 28.6691 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(184, 132, 165) }
```


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

```
.border{ border-color:rgb(184, 132, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 132, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 132, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 132, 165);  
box-shadow:4px 4px 4px 4px rgb(184, 132,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 151.3100, 6.7492, 28.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 132, 165) }
```

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

```
.background{ background-color: rgb(184,  
132, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor