

Converting Colors

YUV(113.1170, 6.3513, 63.0414)

Have a look what the booklet for
YUV(113.1170, 6.3513, 63.0414)
contains.

YUV(113.1170, 6.3513, 63.0414)	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(113.1170, 6.3513,
63.0414)**

Conversions

Conversions Part 1

Format	Color
Hex	B94A7E
RGB	185, 74, 126
RGB Percent	73%, 29%, 49%
CMY	0.2745, 0.7098, 0.5059
CMYK	0.00, 0.60, 0.32, 0.27
HSL	332°, 44%, 51%
HSV	332°, 60%, 73%
XYZ	26.2223, 16.7182, 21.5835
YIQ	113.1170, 49.4640, 39.7040

Conversions

Conversions Part 2

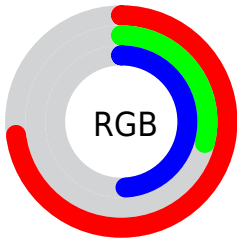
Format	Color
R_{YB}	185, 74, 126
Decimal	12143230
CIE _{Lab}	47.90, 50.05, -6.44
CIE _{LCh}	48, 50.465, 352.672
Yxy	16.7182, 0.4064, 0.2591
Android (android.graphics.Color)	4290333310 (0xFFB94A7E)
YUV	113.1170, 6.3513, 63.0414
Hunter-Lab	40.8879, 42.9219, -2.6759

Details

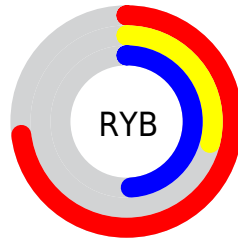
The YUV color **113.1170, 6.3513, 63.0414** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **145.8830, -6.3513, -63.0414**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4980, 5.1775, 66.2153**, and **54.6810, 11.0033, 64.3008** is the 20% darker color. If you saturate the color by 10%, you get **101.4110, 7.1924, 73.3076**, and if you desaturate by 10%, it is **125.4100, 5.2209, 52.2604**.

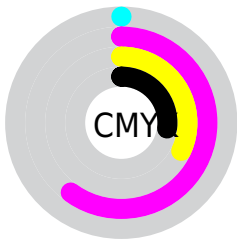
Distribution



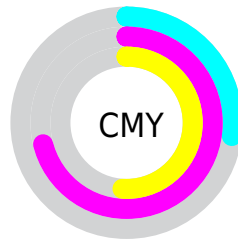
- Red (73%)
- Green (29%)
- Blue (49%)



- Red (73%)
- Yellow (29%)
- Blue (49%)



- Cyan (0%)
- Magenta (60%)
- Yellow (32%)
- Black (27%)





- Cyan (27%)
- Magenta (71%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.1170, 6.3513, 63.0414 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 113.1170, 6.3513, 63.0414 by changing the saturation by 10% instead.


 113.1170, 6.3513,
63.0414

 113.1170, 6.3513,
63.0414

255.0000, 0.0000,
0.0000


 85.1600, 7.8091,
62.1267

 168.4980, 5.1775,
66.2153

 54.6810, 11.0033,
64.3008


 190.7140, 7.5360,
56.3788


 36.3550, 8.6990,
56.6937

 210.3420, 11.6634,
39.1651

 25.8880, 3.5062,
42.1942

 229.7590, 12.4438,
22.1364

 15.9760, -3.4392,
29.8390

 246.7820, 4.0515,
7.2072

 0.0000, 0.0000,
0.0000

113.1170, 6.3513,
63.0414

113.1170, 6.3513,
63.0414

101.4110, 7.1924,
73.3076

125.4100, 5.2209,
52.2604

89.1180, 8.3228,
84.0885

137.1160, 4.3798,
41.9943

76.9390, 9.8901,
94.7695

149.4090, 3.2494,
31.2133

65.2330, 10.7311,
105.0357

161.0010, 1.9715,
21.0471


173.2940, 0.8411,
10.2662

185.0000, 0.0000,
0.0000

197.2930, -1.1304,
-10.7810

208.9990, -1.9715,

-21.0471

 221.1780, -3.5388,
-31.7281

Harmonies

Analogous

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



116.9250, 24.1940, 33.3918



113.1170, 6.3513, 63.0414



110.8840, -13.7468, 69.3847

Triad

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



113.1170, 6.3513, 63.0414



105.0870, -38.9899, -0.9533



96.9440, 41.4396, -85.0199

Complementary

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



113.1170, 6.3513, 63.0414



145.8830, -6.3513, -63.0414

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.



95.1880, 24.5573, -83.4799



113.1170, 6.3513, 63.0414



96.8010, -18.6359, -42.7985

Square

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



113.1170, 6.3513, 63.0414



108.6180, -44.1817, 31.0300



89.5850, 5.6276, -78.5660



94.1860, 51.1803, -82.6011

Rectangle

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



113.1170, 6.3513, 63.0414



110.9250, -26.0920, 62.3328



89.5850, 5.6276, -78.5660



96.9780, 36.4928, -85.0497

Sweetspot

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



113.1170, 6.3513, 63.0414



212.1370, 2.3975, 24.4359



103.6970, 40.0824, 23.9447



102.5550, 1.6984, 15.2993



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.



113.1170, 6.3513, 63.0414



127.9610, 9.8792, 98.2582



108.3630, -16.9410, 67.2106



86.1470, 0.4205, 5.1331



54.9660, 8.8908, 88.6068



9.8540, 1.5510, 15.9140

Inverse Universe

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



113.1170, 6.3513, 63.0414



127.9610, 9.8792, 98.2582



150.6370, 16.9410, -67.2106



86.1470, 0.4205, 5.1331



54.9660, 8.8908, 88.6068



9.8540, 1.5510, 15.9140

Previews

White Background



This preview shows how the YUV color 113.1170, 6.3513, 63.0414 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 113.1170, 6.3513, 63.0414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

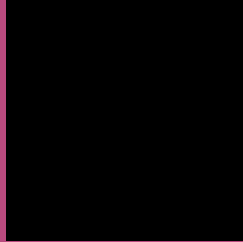
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.1170, 6.3513, 63.0414

Background



This preview shows how black text looks on a background with the YUV color 113.1170, 6.3513, 63.0414.



This preview shows how white text looks on a background with the YUV color 113.1170, 6.3513,

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

113.1170, 6.3513, 63.0414

Protanopia

114.7550, 18.3618, -9.4321

Deuteranopia

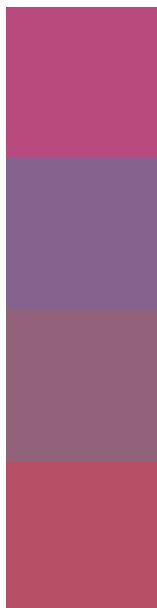
115.6140, 2.1623, 6.4775



Tritanopia

112.5840, -12.1199, 60.8778

Trichromacy



Original Color

113.1170, 6.3513, 63.0414

Protanomaly

114.1820, 14.2073, 16.5034

Deuteranomaly

115.0880, 3.4076, 27.1098

Tritanomaly

112.7180, -5.2840, 61.6373

Monochromacy



Original Color

113.1170, 6.3513, 63.0414

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1260, 2.4029, 22.6915

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1170, 6.3513, 63.0414 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(185, 74, 126)` looks like.

```
.text, #text, p{  
  color:rgb(185, 74, 126)  
}
```

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(185, 74, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 74, 126) }
```

Border

The CSS property to change the border of an element to YUV 113.1170, 6.3513, 63.0414 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(185, 74, 126) }
```


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

```
.border{ border-color:rgb(185, 74, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 74, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 74, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 74, 126);  
box-shadow:4px 4px 4px 4px rgb(185, 74,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 113.1170, 6.3513, 63.0414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 74, 126) }
```

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

```
.background{ background-color: rgb(185, 74,  
126) }
```

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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