

Converting Colors

YUV(114.3130, 5.7617, 65.5005)

Have a look what the booklet for
YUV(114.3130, 5.7617, 65.5005)
contains.

YUV(114.3130, 5.7617, 65.5005)	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(114.3130, 5.7617,
65.5005)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4A7E
RGB	189, 74, 126
RGB Percent	74%, 29%, 49%
CMY	0.2588, 0.7098, 0.5059
CMYK	0.00, 0.61, 0.33, 0.26
HSL	333°, 47%, 52%
HSV	333°, 61%, 74%
XYZ	27.2009, 17.2227, 21.6293
YIQ	114.3130, 51.8480, 40.5520

Conversions

Conversions Part 2

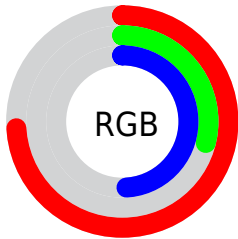
Format	Color
RYB	189, 74, 126
Decimal	12405374
CIELab	48.54, 51.31, -5.42
CIELCh	49, 51.596, 353.968
Yxy	17.2227, 0.4118, 0.2607
Android (android.graphics.Color)	4290595454 (0xFFBD4A7E)
YUV	114.3130, 5.7617, 65.5005
Hunter-Lab	41.5003, 44.3705, -1.8509

Details

The YUV color **114.3130, 5.7617, 65.5005** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **148.6870, -5.7617, -65.5005**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6940, 4.5879, 68.6744**, and **54.7030, 10.9924, 67.7895** is the 20% darker color. If you saturate the color by 10%, you get **102.0200, 6.8921, 76.2815**, and if you desaturate by 10%, it is **126.6060, 4.6312, 54.7195**.

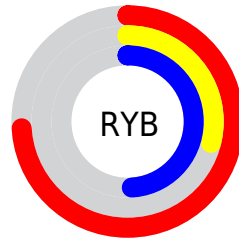
Distribution



Red (74%)

Green (29%)

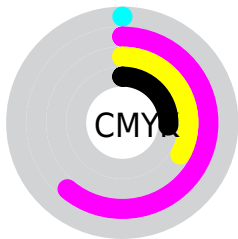
Blue (49%)



Red (74%)

Yellow (29%)

Blue (49%)

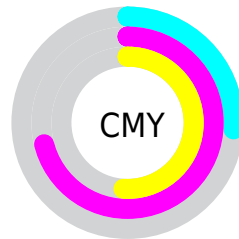


Cyan (0%)

Magenta (61%)

Yellow (33%)

Black (26%)



Cyan (26%)


Magenta (71%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.3130, 5.7617, 65.5005 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 114.3130, 5.7617, 65.5005 by changing the saturation by 10% instead.


 114.3130, 5.7617,
65.5005


 114.3130, 5.7617,
65.5005


255.0000, 0.0000,
0.0000


 86.3560, 7.2195,
64.5858

 169.6940, 4.5879,
68.6744


 54.7030, 10.9924,
67.7895


 191.3010, 7.2466,
55.8640


 37.2520, 8.2568,
58.5380


 210.9290, 11.3740,
38.6503

 26.7850, 3.0640,
44.0386

 229.7590, 12.4438,
22.1364

 16.8730, -3.8814,
31.6834

 246.7820, 4.0515,
7.2072

 1.4950, -0.7370,
3.0739

 0.0000, 0.0000,

0.0000

■ 114.3130, 5.7617,
65.5005

■ 114.3130, 5.7617,
65.5005

■ 102.0200, 6.8921,
76.2815

■ 126.6060, 4.6312,
54.7195

■ 89.6130, 7.5858,
87.1624

■ 139.0130, 3.9376,
43.8386

■ 77.3200, 8.7162,
97.9434

■ 151.3060, 2.8071,
33.0576

■ 66.2010, 9.2679,
107.6947

■ 163.5990, 1.6767,
22.2767

■ 176.0060, 0.9830,
11.3957

■ 187.7120, 0.1420,
1.1296

■ 200.0050, -0.9885,
-9.6514

■ 212.4120, -1.6821,
-20.5323

■ 224.7050, -2.8126,
-31.3133

Harmonies

Analogous

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



118.5340, 23.8937, 36.3657



114.3130, 5.7617, 65.5005



112.2540, -14.9152, 70.8142

Triad

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



114.3130, 5.7617, 65.5005



105.8480, -39.8581, -2.4977



98.5740, 42.6080, -86.4494

Complementary

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



114.3130, 5.7617, 65.5005



148.6870, -5.7617, -65.5005

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.



96.8180, 25.7257, -84.9094



114.3130, 5.7617, 65.5005



97.0070, -17.7515, -46.4871

Square

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



114.3130, 5.7617, 65.5005



109.8630, -45.7815, 30.8151



91.2150, 6.7960, -79.9956



95.2290, 52.6381, -83.5158

Rectangle

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



114.3130, 5.7617, 65.5005



112.4690, -27.8392, 62.7327



91.2150, 6.7960, -79.9956



98.6080, 37.6613, -86.4792

Sweetspot

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



114.3130, 5.7617, 65.5005



216.4360, 2.2501, 25.0506



105.3490, 41.2399, 26.0039



104.5550, 1.6984, 15.2993



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



114.3130, 5.7617, 65.5005



128.7550, 8.9948, 101.9469



110.7330, -18.1094, 68.6402



88.1470, 0.4205, 5.1331



55.3360, 7.7224, 90.0363



10.8650, 1.5456, 17.6584

Inverse Universe

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



114.3130, 5.7617, 65.5005



128.7550, 8.9948, 101.9469



152.2670, 18.1094, -68.6402



88.1470, 0.4205, 5.1331



55.3360, 7.7224, 90.0363



10.8650, 1.5456, 17.6584

Previews

White Background



This preview shows how the YUV color 114.3130, 5.7617, 65.5005 looks on a white background.

Color Contrast Check

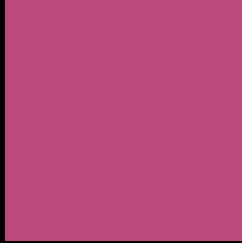
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.3130, 5.7617, 65.5005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

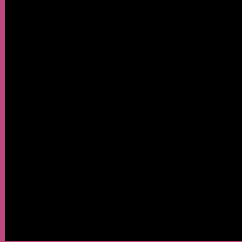
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.3130, 5.7617, 65.5005

Background



This preview shows how black text looks on a background with the YUV color 114.3130, 5.7617, 65.5005.



This preview shows how white text looks on a background with the YUV color 114.3130, 5.7617,

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

114.3130, 5.7617, 65.5005

Protanopia

116.6410, 17.9250, -9.3322

Deuteranopia

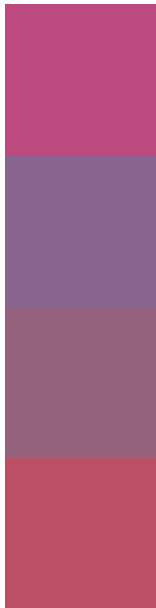
116.7990, 1.5781, 7.1923



Tritanopia

113.7800, -12.7095, 63.3369

Trichromacy



Original Color

114.3130, 5.7617, 65.5005

Protanomaly

115.6660, 13.4757, 17.8329

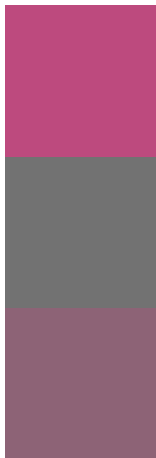
Deuteranomaly

115.6860, 3.1128, 28.3394

Tritanomaly

113.9140, -5.8736, 64.0964

Monochromacy



Original Color

114.3130, 5.7617, 65.5005

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7240, 2.1081, 23.9211

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3130, 5.7617, 65.5005 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(189, 74, 126)` looks like.

```
.text, #text, p{  
  color:rgb(189, 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(189, 74, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 74, 126) }
```

Border

The CSS property to change the border of an element to YUV 114.3130, 5.7617, 65.5005 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(189, 74, 126) }
```


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

```
.border{ border-color:rgb(189, 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(189, 74, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 74, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 74, 126);  
box-shadow:4px 4px 4px 4px rgb(189, 74,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 114.3130, 5.7617, 65.5005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 74, 126) }
```

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

```
.background{ background-color: rgb(189, 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](#).

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