

Converting Colors

YUV(114.3170, 6.2527, 47.9570)

Have a look what the booklet for
YUV(114.3170, 6.2527, 47.9570)
contains.

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Color

**YUV(114.3170, 6.2527,
47.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	A9547F
RGB	169, 84, 127
RGB Percent	66%, 33%, 50%
CMY	0.3373, 0.6706, 0.5020
CMYK	0.00, 0.50, 0.25, 0.34
HSL	330°, 34%, 50%
HSV	330°, 50%, 66%
XYZ	23.3633, 16.3080, 21.9950
YIQ	114.3170, 36.8570, 31.3930

Conversions

Conversions Part 2

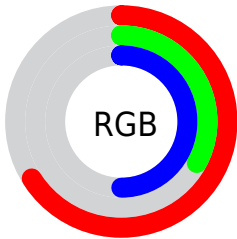
Format	Color
R_{YB}	169, 84, 127
Decimal	11097215
CIE _{Lab}	47.38, 40.04, -8.08
CIE _{LCh}	47, 40.845, 348.588
Yxy	16.3080, 0.3789, 0.2645
Android (android.graphics.Color)	4289287295 (0xFFA9547F)
YUV	114.3170, 6.2527, 47.9570
Hunter-Lab	40.3831, 32.5990, -4.0247

Details

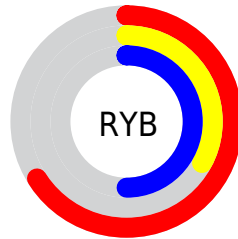
The YUV color **114.3170, 6.2527, 47.9570** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **138.6830, -6.2527, -47.9570**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9260, 5.9525, 50.9309**, and **62.3490, 7.7159, 45.2979** is the 20% darker color. If you saturate the color by 10%, you get **103.4260, 7.6780, 57.5084**, and if you desaturate by 10%, it is **125.2080, 4.8275, 38.4056**.

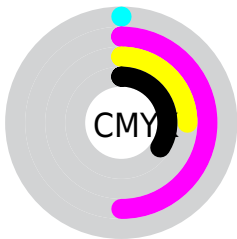
Distribution



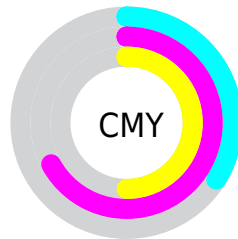
- Red (66%)
- Green (33%)
- Blue (50%)



- Red (66%)
- Yellow (33%)
- Blue (50%)



- Cyan (0%)
- Magenta (50%)
- Yellow (25%)
- Black (34%)





- Cyan (34%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.3170, 6.2527, 47.9570 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 114.3170, 6.2527, 47.9570 by changing the saturation by 10% instead.

 114.3170, 6.2527,
47.9570

 114.3170, 6.2527,
47.9570


255.0000, 0.0000,
0.0000


 88.4200, 6.6949,
46.1127


 167.9260, 5.9525,
50.9309


 62.3490, 7.7159,
45.2979


 195.5240, 5.6577,
52.1605


 33.7560, 10.4733,
47.5720

 215.1520, 9.7851,
34.9467

 22.4140, 5.7119,
34.7169

 233.8680, 10.4181,
18.5328

 13.1000, -1.5283,
23.5913

 250.8910, 2.0257,
3.6036

 0.0000, 0.0000,
0.0000

114.3170, 6.2527,
47.9570

114.3170, 6.2527,
47.9570

103.4260, 7.6780,
57.5084

125.2080, 4.8275,
38.4056

92.4210, 8.6664,
67.1598

136.2130, 3.8390,
28.7542

81.5300, 10.0917,
76.7112

147.1040, 2.4137,
19.2028

70.6390, 11.5170,
86.2626

157.9950, 0.9885,
9.6514

60.2210, 12.2160,
95.3992


168.4130, 0.2894,
0.5148

179.3040, -1.1359,
-9.0366

190.1950, -2.5611,
-18.5880

201.2000, -3.5496,

-28.2394

 212.0910, -4.9749,
-37.7908

Harmonies

Analogous

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



116.2350, 20.5901, 22.5959



114.3170, 6.2527, 47.9570



111.8330, -9.7777, 56.2745

Triad

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



114.3170, 6.2527, 47.9570



106.8840, -31.0018, 3.6097



93.1310, 34.4454, -81.6759

Complementary

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



114.3170, 6.2527, 47.9570



138.6830, -6.2527, -47.9570

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.



90.8850, 20.7627, -79.7061



114.3170, 6.2527, 47.9570



102.0140, -18.2479, -27.1993

Square

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



114.3170, 6.2527, 47.9570



109.8810, -32.9723, 29.0454



86.8950, 5.4748, -76.2069



90.8460, 43.4599, -79.6719

Rectangle

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



114.3170, 6.2527, 47.9570



111.4660, -19.9497, 52.2113



86.8950, 5.4748, -76.2069



92.6920, 30.2248, -81.2909

Sweetspot

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



114.3170, 6.2527, 47.9570



197.8050, 2.5611, 18.5880



105.9490, 31.0841, 16.7077



97.1200, 1.4198, 11.2958



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.



114.3170, 6.2527, 47.9570



134.6930, 9.5184, 73.9372



109.5290, -12.0928, 52.1561



78.8480, 0.5679, 4.5183



52.8020, 10.9436, 83.4886



7.1200, 1.4198, 11.2958

Inverse Universe

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



114.3170, 6.2527, 47.9570



134.6930, 9.5184, 73.9372



143.4710, 12.0928, -52.1561



78.8480, 0.5679, 4.5183



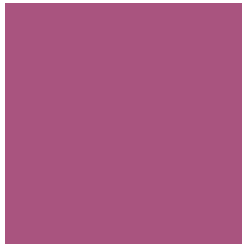
52.8020, 10.9436, 83.4886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 114.3170, 6.2527, 47.9570 looks on a white background.

Color Contrast Check

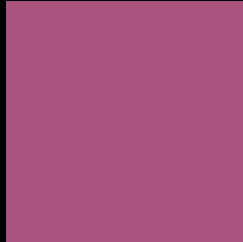
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.3170, 6.2527, 47.9570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

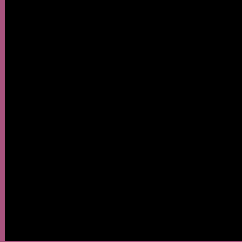
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.3170, 6.2527, 47.9570

Background



This preview shows how black text looks on a background with the YUV color 114.3170, 6.2527, 47.9570.



This preview shows how white text looks on a background with the YUV color 114.3170, 6.2527,

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

114.3170, 6.2527, 47.9570

Protanopia

113.4840, 16.0304, -8.3175

Deuteranopia

114.1730, 4.3517, 4.2333



Tritanopia

113.5220, -8.1453, 46.0232

Trichromacy



Original Color

114.3170, 6.2527, 47.9570

Protanomaly

113.9920, 12.3289, 12.2850

Deuteranomaly

114.3860, 4.7397, 19.8325

Tritanomaly

113.9010, -2.9092, 46.5678

Monochromacy



Original Color

114.3170, 6.2527, 47.9570

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0930, 2.4192, 17.4584

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3170, 6.2527, 47.9570 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(169, 84, 127)` looks like.

```
.text, #text, p{  
    color:rgb(169, 84, 127)  
}
```

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(169, 84, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 84, 127) }
```

Border

The CSS property to change the border of an element to YUV 114.3170, 6.2527, 47.9570 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(169, 84, 127) }
```


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

```
.border{ border-color:rgb(169, 84, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 84, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 84, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 84, 127);  
box-shadow:4px 4px 4px 4px rgb(169, 84,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 114.3170, 6.2527, 47.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 84, 127) }
```

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

```
.background{ background-color: rgb(169, 84,  
127) }
```

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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