

Converting Colors

YUV(115.1920, 5.8213, 46.3126)

Have a look what the booklet for
YUV(115.1920, 5.8213, 46.3126)
contains.

YUV(115.1920, 5.8213, 46.3126)	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(115.1920, 5.8213,
46.3126)**

Conversions

Conversions Part 1

Format	Color
Hex	A8567F
RGB	168, 86, 127
RGB Percent	66%, 34%, 50%
CMY	0.3412, 0.6627, 0.5020
CMYK	0.00, 0.49, 0.24, 0.34
HSL	330°, 32%, 50%
HSV	330°, 49%, 66%
XYZ	23.3070, 16.5127, 22.0375
YIQ	115.1920, 35.7110, 30.1350

Conversions

Conversions Part 2

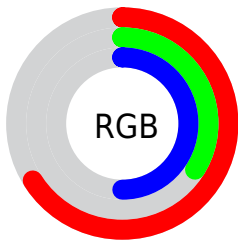
Format	Color
R_{YB}	168, 86, 127
Decimal	11032191
CIE _{Lab}	47.64, 38.65, -7.70
CIE _{LCh}	48, 39.407, 348.730
Yxy	16.5127, 0.3768, 0.2669
Android (android.graphics.Color)	4289222271 (0xFFA8567F)
YUV	115.1920, 5.8213, 46.3126
Hunter-Lab	40.6358, 31.2674, -3.7089

Details

The YUV color **115.1920, 5.8213, 46.3126** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **138.8080, -5.8213, -46.3126**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8010, 5.5211, 49.2865**, and **63.5230, 7.1372, 44.2683** is the 20% darker color. If you saturate the color by 10%, you get **104.3010, 7.2466, 55.8640**, and if you desaturate by 10%, it is **126.0830, 4.3961, 36.7612**.

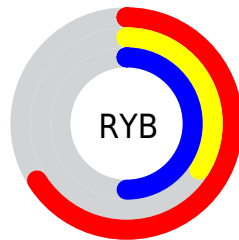
Distribution



Red (66%)

Green (34%)

Blue (50%)



Red (66%)

Yellow (34%)

Blue (50%)

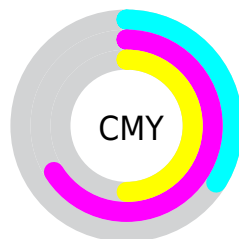


Cyan (0%)

Magenta (49%)

Yellow (24%)

Black (34%)



Cyan (34%)


Magenta (66%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.1920, 5.8213, 46.3126 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 115.1920, 5.8213, 46.3126 by changing the saturation by 10% instead.


 115.1920, 5.8213,
46.3126


 115.1920, 5.8213,
46.3126

255.0000, 0.0000,
0.0000


 89.2950, 6.2636,
44.4683


 168.8010, 5.5211,
49.2865

 63.5230, 7.1372,
44.2683


 196.3990, 5.2263,
50.5161


 35.8050, 9.4631,
44.8980

 216.3260, 9.2063,
33.9171

 22.4140, 5.7119,
34.7169

 235.0420, 9.8393,
17.5032

 13.1000, -1.5283,
23.5913

 252.0650, 1.4470,
2.5740

 0.0000, 0.0000,
0.0000

■ 115.1920, 5.8213,
46.3126

■ 115.1920, 5.8213,
46.3126

■ 104.3010, 7.2466,
55.8640

■ 126.0830, 4.3961,
36.7612

■ 93.2960, 8.2351,
65.5154

■ 137.0880, 3.4076,
27.1098

■ 82.9920, 9.3709,
74.5520

■ 147.3920, 2.2717,
18.0732

■ 71.9870, 10.3594,
84.2034

■ 158.3970, 1.2833,
8.4218

■ 61.0960, 11.7847,
93.7548

■ 169.2880, -0.1420,
-1.1296

■ 59.8080, 11.9267,
94.8844

■ 180.1790, -1.5672,
-10.6810

■ 191.1840, -2.5557,
-20.3324

■ 201.4880, -3.6916,

-29.3690

■ 212.4930, -4.6800,
-39.0204

Harmonies

Analogous

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



116.4090, 20.0114, 21.5663



115.1920, 5.8213, 46.3126



113.5230, -9.6248, 53.9153

Triad

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



115.1920, 5.8213, 46.3126



108.1120, -30.1282, 3.4098



93.0170, 34.0086, -81.5759

Complementary

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



115.1920, 5.8213, 46.3126



138.8080, -5.8213, -46.3126

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.



91.4720, 20.4733, -80.2209



115.1920, 5.8213, 46.3126



102.9540, -17.2323, -26.2697

Square

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



115.1920, 5.8213, 46.3126



110.8100, -31.9513, 28.2306



87.0090, 5.9116, -76.3069



90.7320, 43.0231, -79.5720

Rectangle

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



115.1920, 5.8213, 46.3126



112.5690, -19.5075, 50.3670



87.0090, 5.9116, -76.3069



92.6920, 30.2248, -81.2909

Sweetspot

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



115.1920, 5.8213, 46.3126



197.8050, 2.5611, 18.5880



107.6070, 29.7737, 17.0077



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.



115.1920, 5.8213, 46.3126



135.9810, 9.3764, 72.8077



110.5180, -12.0874, 50.4117



78.8480, 0.5679, 4.5183



52.6880, 10.5068, 83.5886



7.1200, 1.4198, 11.2958

Inverse Universe

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



115.1920, 5.8213, 46.3126



135.9810, 9.3764, 72.8077



143.4820, 12.0874, -50.4117



78.8480, 0.5679, 4.5183



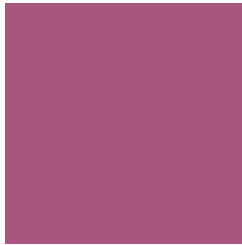
52.6880, 10.5068, 83.5886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 115.1920, 5.8213, 46.3126 looks on a white background.

Color Contrast Check

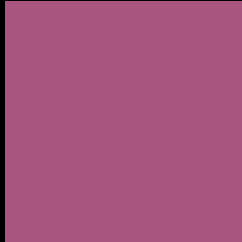
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.1920, 5.8213, 46.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

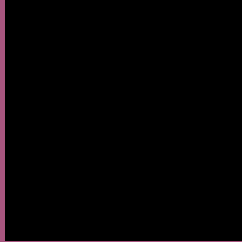
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.1920, 5.8213, 46.3126

Background



This preview shows how black text looks on a background with the YUV color 115.1920, 5.8213, 46.3126.



This preview shows how white text looks on a background with the YUV color 115.1920, 5.8213,

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

115.1920, 5.8213, 46.3126

Protanopia

113.6690, 15.4462, -7.6027

Deuteranopia

114.4720, 4.2043, 4.8481



Tritanopia

114.5110, -8.1399, 44.2789

Trichromacy



Original Color

115.1920, 5.8213, 46.3126

Protanomaly

114.4650, 11.6028, 11.8702

Deuteranomaly

114.3860, 4.7397, 19.8325

Tritanomaly

114.8900, -2.9038, 44.8235

Monochromacy



Original Color

115.1920, 5.8213, 46.3126

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.6800, 2.1298, 16.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.1920, 5.8213, 46.3126 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(168, 86, 127)` looks like.

```
.text, #text, p{  
  color:rgb(168, 86, 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(168, 86, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 86, 127) }
```

Border

The CSS property to change the border of an element to YUV 115.1920, 5.8213, 46.3126 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(168, 86, 127) }
```


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

```
.border{ border-color:rgb(168, 86, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 86, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 86, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 86, 127); box-shadow:4px 4px 4px 4px rgb(168, 86, 127) }
```

Background

The CSS property to change the background color of an element to YUV 115.1920, 5.8213, 46.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 86, 127) }
```

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

```
.background{ background-color: rgb(168, 86,  
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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