

Converting Colors

YUV(115.7500, 6.0393, 23.0213)

Have a look what the booklet for
YUV(115.7500, 6.0393, 23.0213)
contains.

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Color

**YUV(115.7500, 6.0393,
23.0213)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6480
RGB	142, 100, 128
RGB Percent	56%, 39%, 50%
CMY	0.4431, 0.6078, 0.4980
CMYK	0.00, 0.30, 0.10, 0.44
HSL	320°, 17%, 47%
HSV	320°, 30%, 56%
XYZ	19.6088, 16.4236, 22.5587
YIQ	115.7500, 16.0440, 17.6120

Conversions

Conversions Part 2

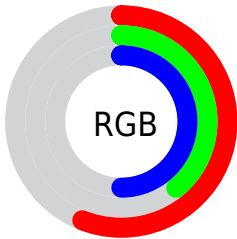
Format	Color
R_{YB}	142, 100, 128
Decimal	9331840
CIE _{Lab}	47.53, 21.63, -8.82
CIE _{LCh}	48, 23.355, 337.818
Yxy	16.4236, 0.3347, 0.2803
Android (android.graphics.Color)	4287521920 (0xFF8E6480)
YUV	115.7500, 6.0393, 23.0213
Hunter-Lab	40.5261, 15.4476, -4.6352

Details

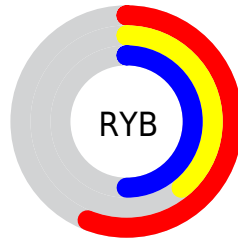
The YUV color **115.7500, 6.0393, 23.0213** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **126.2500, -6.0392, -23.0212**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8750, 6.4706, 24.6656**, and **66.7390, 6.0447, 21.2769** is the 20% darker color. If you saturate the color by 10%, you get **106.9620, 7.9067, 30.7283**, and if you desaturate by 10%, it is **124.5380, 4.1718, 15.3142**.

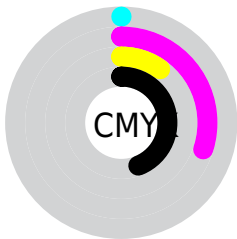
Distribution



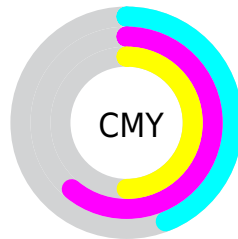
- Red (56%)
- Green (39%)
- Blue (50%)



- Red (56%)
- Yellow (39%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (10%)
- Black (44%)



- Cyan (44%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.7500, 6.0393, 23.0213 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 115.7500, 6.0393, 23.0213 by changing the saturation by 10% instead.

 115.7500, 6.0393,
23.0213


 115.7500, 6.0393,
23.0213

255.0000, 0.0000,
0.0000

 91.0380, 5.8973,
21.8917


 167.8750, 6.4706,
24.6656

 66.7390, 6.0447,
21.2769


 195.1740, 6.3232,
25.2804

 44.0270, 5.9027,
20.1473

 223.5870, 6.6126,
25.7952

 22.4290, 6.1975,
18.9178

 242.6730, 6.0772,
10.8108

 7.3480, 2.2934,
11.0958

 0.0000, 0.0000,
0.0000

■ 115.7500, 6.0393,
23.0213

■ 115.7500, 6.0393,
23.0213

■ 106.9620, 7.9067,
30.7283

■ 124.5380, 4.1718,
15.3142

■ 98.2880, 10.2110,
38.3354

■ 133.2120, 1.8675,
7.7071

■ 88.9130, 12.3679,
46.5573

■ 142.5870, -0.2894,
-0.5148

■ 80.1250, 14.2354,
54.2644

■ 151.3750, -2.1569,
-8.2219

■ 71.3370, 16.1029,
61.9715

■ 160.1630, -4.0244,
-15.9290

■ 62.6630, 18.4071,
69.5785

■ 168.8370, -6.3286,
-23.5360

■ 53.8750, 20.2746,
77.2856


■ 177.6250, -8.1961,
-31.2431

■ 53.2880, 20.5640,

■ 187.0000,

77.8004

-10.3530, -39.4650

 195.7880,
-12.2205, -47.1721

Harmonies

Analogous

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



115.1160, 14.2398, 6.0373



115.7500, 6.0393, 23.0213



114.9870, -3.4446, 31.5834

Triad

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



115.7500, 6.0393, 23.0213



110.9460, -18.2144, 8.8174



101.1710, 17.1707, -47.5080

Complementary

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



115.7500, 6.0393, 23.0213



126.2500, -6.0392, -23.0212

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.



102.5710, 7.1135, -41.7198



115.7500, 6.0393, 23.0213



108.9870, -13.7976, -7.8816

Square

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



115.7500, 6.0393, 23.0213



113.1480, -17.8210, 22.6722



105.6950, -4.2866, -25.1655



106.2740, 21.0639, -36.1973

Rectangle

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



115.7500, 6.0393, 23.0213



114.0920, -9.4124, 32.3683



105.6950, -4.2866, -25.1655



101.0740, 14.2605, -47.4229

Sweetspot

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



115.7500, 6.0393, 23.0213



173.3370, 2.2989, 9.3515



108.9740, 16.2818, 4.4078



85.6740, 1.1467, 5.5479



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



115.7500, 6.0393, 23.0213



143.3370, 9.2009, 35.6615



113.3560, -3.1335, 25.1208



66.6630, 1.1521, 3.8035



50.6250, 19.4119, 73.9969



2.9620, 1.0047, 4.4183

Inverse Universe

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



115.7500, 6.0393, 23.0213



143.3370, 9.2009, 35.6615



128.6440, 3.1335, -25.1208



66.6630, 1.1521, 3.8035



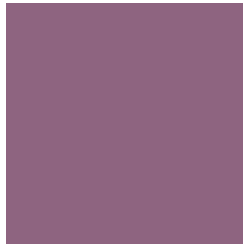
50.6250, 19.4119, 73.9969



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 115.7500, 6.0393, 23.0213 looks on a white background.

Color Contrast Check

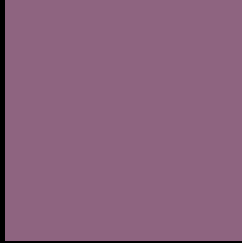
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.7500, 6.0393, 23.0213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

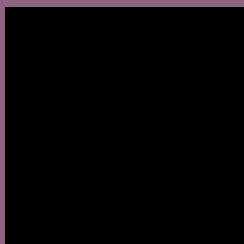
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.7500, 6.0393, 23.0213

Background



This preview shows how black text looks on a background with the YUV color 115.7500, 6.0393, 23.0213.



This preview shows how white text looks on a background with the YUV color 115.7500, 6.0393,

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

115.7500, 6.0393, 23.0213

Protanopia

113.5400, 11.0728, -4.8586

Deuteranopia

114.2160, 5.8095, 3.3186



Tritanopia

114.9750, -1.9597, 21.9469

Trichromacy



Original Color

115.7500, 6.0393, 23.0213

Protanomaly

114.4380, 9.1511, 4.8779

Deuteranomaly

114.6730, 6.0772, 10.8108

Tritanomaly

115.3710, 0.8031, 22.4766

Monochromacy



Original Color

115.7500, 6.0393, 23.0213

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.6250, 2.1569, 8.2219

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7500, 6.0393, 23.0213 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(142, 100, 128)` looks like.

```
.text, #text, p{  
    color:rgb(142, 100, 128)  
}
```

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(142, 100, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 100, 128) }
```

Border

The CSS property to change the border of an element to YUV 115.7500, 6.0393, 23.0213 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(142, 100, 128) }
```


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

```
.border{ border-color:rgb(142, 100, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 100, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 100, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 100, 128);  
box-shadow:4px 4px 4px 4px rgb(142, 100,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 115.7500, 6.0393, 23.0213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 100, 128) }
```

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

```
.background{ background-color: rgb(142,  
100, 128) }
```

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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