

Converting Colors

YUV(115.6760, 18.8937,
100.2621)

Have a look what the booklet for
YUV(115.6760, 18.8937, 100.2621)
contains.

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Color

**YUV(115.6760, 18.8937,
100.2621)**

Conversions

Conversions Part 1

Format	Color
Hex	E6329A
RGB	230, 50, 154
RGB Percent	90%, 20%, 60%
CMY	0.0980, 0.8039, 0.3961
CMYK	0.00, 0.78, 0.33, 0.10
HSL	325°, 78%, 55%
HSV	325°, 78%, 90%
XYZ	39.6065, 21.4373, 32.6222
YIQ	115.6760, 73.8960, 70.5040

Conversions

Conversions Part 2

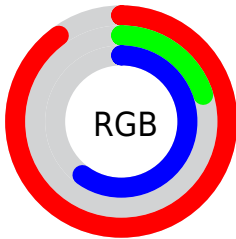
Format	Color
R _Y B	230, 50, 154
Decimal	15086234
CIE Lab	53.42, 74.22, -14.13
CIE LCh	53, 75.550, 349.220
Yxy	21.4373, 0.4228, 0.2289
Android (android.graphics.Color)	4293276314 (0xFFE6329A)
YUV	115.6760, 18.8937, 100.2621
Hunter-Lab	46.3004, 71.6673, -9.3640

Details

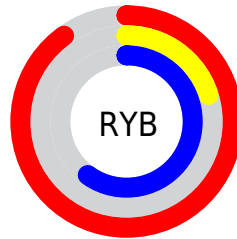
The YUV color **115.6760, 18.8937, 100.2621** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **164.3240, -18.8937, -100.2621**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4620, 19.9852, 76.7708**, and **62.2730, 20.0784, 93.5996** is the 20% darker color. If you saturate the color by 10%, you get **101.0350, 21.1817, 113.1023**, and if you desaturate by 10%, it is **130.3170, 16.6057, 87.4220**.

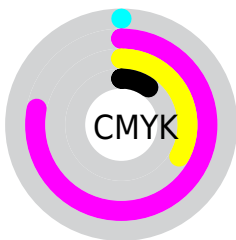
Distribution



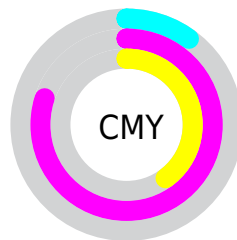
- Red (90%)
- Green (20%)
- Blue (60%)



- Red (90%)
- Yellow (20%)
- Blue (60%)



- Cyan (0%)
- Magenta (78%)
- Yellow (33%)
- Black (10%)




- Cyan (10%)
- Magenta (80%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.6760, 18.8937, 100.2621 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 115.6760, 18.8937, 100.2621 by changing the saturation by 10% instead.


 115.6760, 18.8937,
100.2621


 115.6760, 18.8937,
100.2621


255.0000, 0.0000,
0.0000


 74.0930, 26.5762,
109.5434

 167.4620, 19.9852,
76.7708


 62.2730, 20.0784,
93.5996

 187.7910, 24.2600,
58.9423

 50.8660, 13.8701,
78.1705


 207.4530, 23.4407,
41.6987

 39.2740, 8.2459,
62.0267

 225.0630, 14.7589,
26.2547

 28.5080, 3.2006,
46.9125

 242.6730, 6.0772,
10.8108

 17.1720, -4.0288,
32.2982

 2.0930, -1.0318,

4.3034

■ 0.0000, 0.0000,
0.0000

■ 115.6760, 18.8937,
100.2621

■ 115.6760, 18.8937,
100.2621

■ 101.0350, 21.1817,
113.1023

■ 130.3170, 16.6057,
87.4220

■ 86.5080, 23.9066,
125.8425

■ 144.8440, 13.8809,
74.6818

■ 83.9320, 24.1905,
128.1016

■ 159.4850, 11.5929,
61.8417

■ 174.1260, 9.3049,
49.0015

■ 188.7670, 7.0169,
36.1613

203.2940, 4.2921,
23.4212

217.9350, 2.0040,
10.5810

232.5760, -0.2840,
-2.2592

245.9290, -2.4300,
-13.9697

Harmonies

Analogous

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



129.2850, 41.7645, 44.4771



115.6760, 18.8937, 100.2621



110.9570, -10.8248, 112.2937

Triad

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



115.6760, 18.8937, 100.2621



114.8040, -56.5984, 0.1719



115.5750, 54.4395, -101.3593

Complementary

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



115.6760, 18.8937, 100.2621



164.3240, -18.8937, -100.2621

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.



110.8380, 28.6739, -97.2049



115.6760, 18.8937, 100.2621



90.7690, -30.4521, -79.6044

Square

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



115.6760, 18.8937, 100.2621



120.1180, -59.2182, 47.2545



101.9120, -0.4496, -89.3768



112.4240, 70.2900, -98.5958

Rectangle

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



115.6760, 18.8937, 100.2621



116.4950, -33.7680, 97.7899



101.9120, -0.4496, -89.3768



114.8110, 46.4352, -100.6892

Sweetspot

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



115.6760, 18.8937, 100.2621



217.5170, 6.1541, 32.8726



92.9450, 67.5681, 28.1122



105.0440, 3.4293, 20.1324



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



115.6760, 18.8937, 100.2621



102.6060, 25.3372, 133.6495



105.5300, -19.9813, 109.1602



107.3860, 1.2887, 6.6775



65.2630, 18.6043, 99.7473



18.5550, 5.1494, 28.4543

Inverse Universe

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



115.6760, 18.8937, 100.2621



102.6060, 25.3372, 133.6495



174.4700, 19.9813, -109.1602



107.3860, 1.2887, 6.6775



65.2630, 18.6043, 99.7473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 115.6760, 18.8937, 100.2621 looks on a white background.

Color Contrast Check

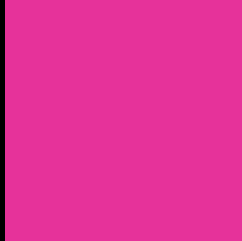
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 115.6760, 18.8937, 100.2621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

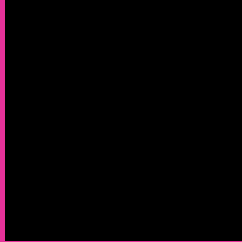
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.6760, 18.8937, 100.2621 Background



This preview shows how black text looks on a background with the YUV color 115.6760, 18.8937, 100.2621.



This preview shows how white text looks on a background with the YUV color 115.6760, 18.8937,

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

115.6760, 18.8937, 100.2621

Protanopia

126.5630, 39.6554, -25.9268

Deuteranopia

129.6720, 7.5567, 2.9187



Tritanopia

119.6050, -20.5113, 92.4314

Trichromacy



Original Color

115.6760, 18.8937, 100.2621



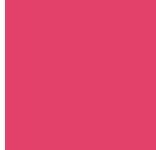
Protanomaly

122.3130, 32.3837, 19.8965



Deuteranomaly

124.6300, 11.5214, 38.0355



Tritanomaly

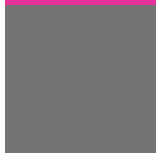
118.1120, -5.9712, 95.4948

Monochromacy



Original Color

115.6760, 18.8937, 100.2621



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.7670, 7.0169, 36.1613

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6760, 18.8937, 100.2621 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(230, 50, 154)` looks like.

```
.text, #text, p{  
    color:rgb(230, 50, 154)  
}
```

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(230, 50, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 50, 154) }
```

Border

The CSS property to change the border of an element to YUV 115.6760, 18.8937, 100.2621 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(230, 50, 154) }
```


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

```
.border{ border-color:rgb(230, 50, 154) }
```

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

Here you see how a box with a 4 pixel rgb(230, 50, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 50, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 50, 154);  
box-shadow:4px 4px 4px 4px rgb(230, 50,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 115.6760, 18.8937, 100.2621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 50, 154) }
```

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

```
.background{ background-color: rgb(230, 50,  
154) }
```

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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