

Converting Colors

YUV(111.3720, 16.0856,
20.7218)

Have a look what the booklet for
YUV(111.3720, 16.0856, 20.7218)
contains.

YUV(111.3720, 16.0856, 20.7218)	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(111.3720, 16.0856,
20.7218)**

Conversions

Conversions Part 1

Format	Color
Hex	875D90
RGB	135, 93, 144
RGB Percent	53%, 36%, 56%
CMY	0.4706, 0.6353, 0.4353
CMYK	0.06, 0.35, 0.00, 0.44
HSL	289°, 22%, 46%
HSV	289°, 35%, 56%
XYZ	18.9401, 14.9932, 28.2813
YIQ	111.3720, 8.6610, 24.7650

Conversions

Conversions Part 2

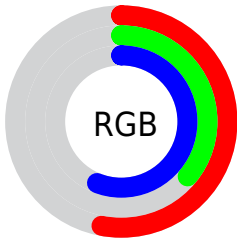
Format	Color
R_{YB}	135, 93, 144
Decimal	8871312
CIE _{Lab}	45.62, 26.42, -21.36
CIE _{LCh}	46, 33.974, 321.050
Yxy	14.9932, 0.3044, 0.2410
Android (android.graphics.Color)	4287061392 (0xFF875D90)
YUV	111.3720, 16.0856, 20.7218
Hunter-Lab	38.7211, 19.5498, -16.1998

Details

The YUV color **111.3720, 16.0856, 20.7218** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **125.6280, -16.0856, -20.7218**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6110, 16.9538, 22.2662**, and **62.7200, 14.9280, 18.6626** is the 20% darker color. If you saturate the color by 10%, you get **102.2570, 20.5793, 26.0846**, and if you desaturate by 10%, it is **120.4870, 11.5919, 15.3589**.

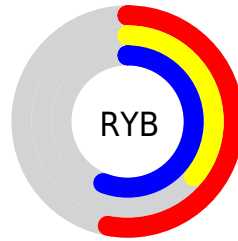
Distribution



Red (53%)

Green (36%)

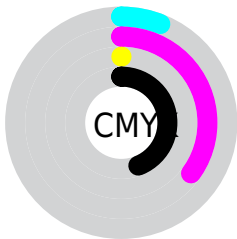
Blue (56%)



Red (53%)

Yellow (36%)

Blue (56%)

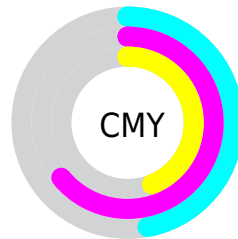


Cyan (6%)

Magenta (35%)

Yellow (0%)

Black (44%)



Cyan (47%)

Magenta (64%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.3720, 16.0856, 20.7218 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 111.3720, 16.0856, 20.7218 by changing the saturation by 10% instead.

■ 111.3720, 16.0856,
20.7218

■ 111.3720, 16.0856,
20.7218

■ 255.0000, 0.0000,
0.0000

■ 86.5460, 15.5068,
19.6922

■ 163.6110, 16.9538,
22.2662

■ 62.7200, 14.9280,
18.6626

■ 191.0240, 17.2432,
22.7810

■ 39.4210, 15.0754,
18.0478

■ 218.8500, 17.8220,
23.8106

■ 17.0080, 14.7861,
17.5330

■ 237.9770, 8.3923,
14.9292

■ 4.1600, 10.7671,
-0.1403

■ 0.0000, 0.0000,
0.0000

111.3720, 16.0856,
20.7218

111.3720, 16.0856,
20.7218

102.2570, 20.5793,
26.0846

120.4870, 11.5919,
15.3589

92.8540, 25.2150,
32.5770

129.8900, 6.9562,
8.8665

83.7390, 29.7087,
37.9399

139.0050, 2.4625,
3.5036

74.3360, 34.3444,
44.4323

148.4080, -2.1731,
-2.9888

65.2210, 38.8380,
49.7952

157.5230, -6.6668,
-8.3517

56.4050, 43.1843,
55.7728


166.3390,
-11.0131, -14.3293

51.9970, 45.3575,
58.7616

176.0410,
-15.7962, -20.2070

184.8570,

-20.1425, -26.1846

 194.5590,
-24.9256, -32.0622

Harmonies

Analogous

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



108.4050, 25.9293, -10.0022



111.3720, 16.0856, 20.7218



110.2900, 3.8010, 40.9647

Triad

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



111.3720, 16.0856, 20.7218



106.0420, -27.1357, 23.6422



86.0920, 20.1676, -75.5027

Complementary

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



111.3720, 16.0856, 20.7218



125.6280, -16.0856, -20.7218

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.



89.0650, 4.4050, -59.6930



111.3720, 16.0856, 20.7218



103.7680, -25.0286, 1.0805

Square

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



111.3720, 16.0856, 20.7218



107.7480, -21.0748, 39.6860



99.4750, -14.0382, -24.0956



87.6540, 31.2296, -76.8726

Rectangle

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



111.3720, 16.0856, 20.7218



109.6190, -5.2352, 45.9381



99.4750, -14.0382, -24.0956



85.6530, 15.9471, -75.1177

Sweetspot

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



111.3720, 16.0856, 20.7218



173.3630, 6.2300, 8.4516



104.0970, 19.6722, -9.7321



86.3580, 3.7675, 4.9480



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



111.3720, 16.0856, 20.7218



134.8540, 25.2150, 32.5770



112.2390, 7.7702, 27.8544



66.5920, 2.1731, 2.9888



48.5790, 42.6056, 54.7432



2.7060, 2.6099, 2.8888

Inverse Universe

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



109.2750, -3.5866, 30.4538



131.5160, -5.6774, 47.7825



124.7610, -7.7702, -27.8544



66.3210, -0.1583, 4.1035



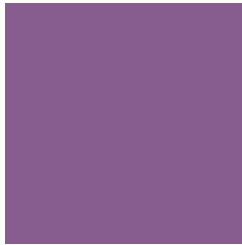
43.1010, -9.4168, 80.5954



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 111.3720, 16.0856, 20.7218 looks on a white background.

Color Contrast Check

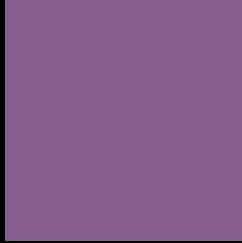
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.3720, 16.0856, 20.7218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

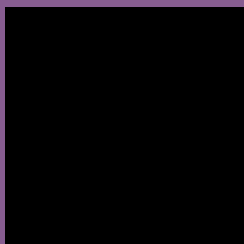
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.3720, 16.0856, 20.7218

Background



This preview shows how black text looks on a background with the YUV color 111.3720, 16.0856, 20.7218.

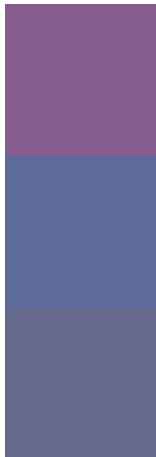


This preview shows how white text looks on a background with the YUV color 111.3720, 16.0856,

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

111.3720, 16.0856, 20.7218

Protanopia

108.2860, 23.0300, -13.4058

Deuteranopia

108.4950, 16.0250, -6.5731



Tritanopia

109.8820, -0.9278, 17.6435

Trichromacy



Original Color

111.3720, 16.0856, 20.7218

Protanomaly

109.3800, 20.5187, -1.2103

Deuteranomaly

109.2620, 16.1398, 3.2782

Tritanomaly

110.2010, 5.3239, 19.1177

Monochromacy



Original Color

111.3720, 16.0856, 20.7218

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9500, 5.9406, 7.9368

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3720, 16.0856, 20.7218 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(135, 93, 144)` looks like.

```
.text, #text, p{  
    color:rgb(135, 93, 144)  
}
```

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(135, 93, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 93, 144) }
```

Border

The CSS property to change the border of an element to YUV 111.3720, 16.0856, 20.7218 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(135, 93, 144) }
```


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

```
.border{ border-color:rgb(135, 93, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 93, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 93, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 93, 144);  
box-shadow:4px 4px 4px 4px rgb(135, 93,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 111.3720, 16.0856, 20.7218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 93, 144) }
```

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

```
.background{ background-color: rgb(135, 93,  
144) }
```

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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