

Converting Colors

YUV(93.7880, 5.0345, 18.6029)

Have a look what the booklet for
YUV(93.7880, 5.0345, 18.6029)
contains.

YUV(93.7880, 5.0345, 18.6029)	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(93.7880, 5.0345,
18.6029)**

Conversions

Conversions Part 1

Format	Color
Hex	735168
RGB	115, 81, 104
RGB Percent	45%, 32%, 41%
CMY	0.5490, 0.6824, 0.5922
CMYK	0.00, 0.30, 0.10, 0.55
HSL	319°, 17%, 38%
HSV	319°, 30%, 45%
XYZ	12.5114, 10.5292, 14.4696
YIQ	93.7880, 12.8810, 14.3610

Conversions

Conversions Part 2

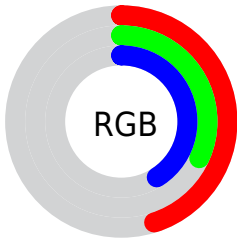
Format	Color
R_{YB}	115, 81, 104
Decimal	7557480
CIE Lab	38.78, 18.24, -7.62
CIE LCh	39, 19.771, 337.329
Yxy	10.5292, 0.3335, 0.2807
Android (android.graphics.Color)	4285747560 (0xFF735168)
YUV	93.7880, 5.0345, 18.6029
Hunter-Lab	32.4487, 12.0397, -3.7247

Details

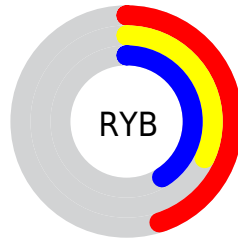
The YUV color **93.7880, 5.0345, 18.6029** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102.2120, -5.0345, -18.6029**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.5000, 5.1765, 19.7325**, and **47.3640, 4.7505, 16.3438** is the 20% darker color. If you saturate the color by 10%, you get **86.2880, 6.7600, 25.1804**, and if you desaturate by 10%, it is **101.2880, 3.3090, 12.0254**.

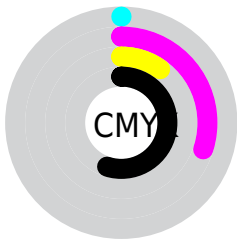
Distribution



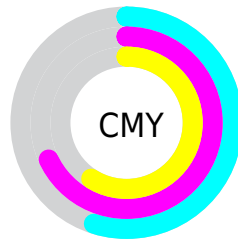
- Red (45%)
- Green (32%)
- Blue (41%)



- Red (45%)
- Yellow (32%)
- Blue (41%)



- Cyan (0%)
- Magenta (30%)
- Yellow (10%)
- Black (55%)





- Cyan (55%)
- Magenta (68%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.7880, 5.0345, 18.6029 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 93.7880, 5.0345, 18.6029 by changing the saturation by 10% instead.

 93.7880, 5.0345,
18.6029


 93.7880, 5.0345,
18.6029


255.0000, 0.0000,
0.0000

 70.0760, 4.8925,
17.4733


 144.5000, 5.1765,
19.7325

 47.3640, 4.7505,
16.3438

 171.2120, 5.3185,
20.8621


 25.6520, 4.6086,
15.2142

 198.6250, 5.6079,
21.3769

 8.4730, 2.7248,
12.7402

 226.9240, 5.4605,
21.9917

 0.0000, 0.0000,
0.0000

 246.1950, 4.3409,
7.7220

93.7880, 5.0345,
18.6029

93.7880, 5.0345,
18.6029

86.2880, 6.7600,
25.1804

101.2880, 3.3090,
12.0254

79.4890, 8.6329,
31.1431

108.0870, 1.4361,
6.0627

71.9890, 10.3584,
37.7206

115.5870, -0.2894,
-0.5148

65.0760, 11.7945,
43.7833

122.5000, -1.7255,
-6.5775

57.5760, 13.5200,
50.3608

130.0000, -3.4510,
-13.1550

50.7770, 15.3929,
56.3236


136.7990, -5.3239,
-19.1177

43.2770, 17.1184,
62.9011

144.2990, -7.0494,
-25.6952

151.2120, -8.4855,

-31.7579

 158.5980,
-10.6478, -38.2354

Harmonies

Analogous

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



93.4210, 11.6244, 4.8928



93.7880, 5.0345, 18.6029



93.1820, -2.5547, 26.1504

Triad

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



93.7880, 5.0345, 18.6029



90.3310, -15.4462, 7.6027



82.3140, 13.6492, -37.9864

Complementary

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



93.7880, 5.0345, 18.6029



102.2120, -5.0345, -18.6029

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.



82.9850, 5.9234, -33.3128



93.7880, 5.0345, 18.6029



87.9810, -11.3296, -6.1223

Square

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



93.7880, 5.0345, 18.6029



91.3370, -14.4631, 18.9985



85.5430, -3.7187, -20.6472



85.5800, 16.9691, -29.4497

Rectangle

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



93.7880, 5.0345, 18.6029



92.5150, -7.6489, 26.7353



85.5430, -3.7187, -20.6472



82.3310, 11.1758, -38.0013

Sweetspot

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



93.7880, 5.0345, 18.6029



141.9130, 2.0149, 7.0923



88.1650, 13.2297, 3.3633



71.3750, 1.2941, 4.9331



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



93.7880, 5.0345, 18.6029



117.5380, 7.6228, 28.4692



91.8500, -2.3910, 20.3026



55.2500, 0.8628, 3.2888



45.9400, 18.2706, 66.7046



94.0160, 36.9671, 136.7980

Inverse Universe

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



93.7880, 5.0345, 18.6029



117.5380, 7.6228, 28.4692



104.1500, 2.3911, -20.3025



55.2500, 0.8628, 3.2888



45.9400, 18.2706, 66.7046



94.0160, 36.9671, 136.7980

Previews

White Background



This preview shows how the YUV color 93.7880, 5.0345, 18.6029 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 93.7880, 5.0345, 18.6029 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 93.7880, 5.0345, 18.6029

Background



This preview shows how black text looks on a background with the YUV color 93.7880, 5.0345, 18.6029.



This preview shows how white text looks on a background with the YUV color 93.7880, 5.0345,

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

93.7880, 5.0345, 18.6029

Protanopia

91.9700, 8.8888, -4.3587

Deuteranopia

92.2760, 4.7939, 2.3889



Tritanopia

93.3550, -1.6540, 17.2287

Trichromacy



Original Color

93.7880, 5.0345, 18.6029

Protanomaly

92.3840, 7.6987, 4.0482

Deuteranomaly

92.7220, 5.0671, 8.1368

Tritanomaly

93.6370, 0.6720, 17.8584

Monochromacy



Original Color

93.7880, 5.0345, 18.6029

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7880, 5.0345, 18.6029 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(115, 81, 104)` looks like.

```
.text, #text, p{  
    color:rgb(115, 81, 104)  
}
```

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(115, 81, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 81, 104) }
```

Border

The CSS property to change the border of an element to YUV 93.7880, 5.0345, 18.6029 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(115, 81, 104) }
```


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

```
.border{ border-color:rgb(115, 81, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 81, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 81, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 81, 104);  
box-shadow:4px 4px 4px 4px rgb(115, 81,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 93.7880, 5.0345, 18.6029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 81, 104) }
```

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

```
.background{ background-color: rgb(115, 81,  
104) }
```

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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