

Converting Colors

YUV(95.3580, 7.2185, 18.1030)

Have a look what the booklet for
YUV(95.3580, 7.2185, 18.1030)
contains.

YUV(95.3580, 7.2185, 18.1030)	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(95.3580, 7.2185,
18.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	74526E
RGB	116, 82, 110
RGB Percent	45%, 32%, 43%
CMY	0.5451, 0.6784, 0.5686
CMYK	0.00, 0.29, 0.05, 0.55
HSL	311°, 17%, 39%
HSV	311°, 29%, 45%
XYZ	13.0342, 10.8734, 16.1636
YIQ	95.3580, 11.2760, 15.9160

Conversions

Conversions Part 2

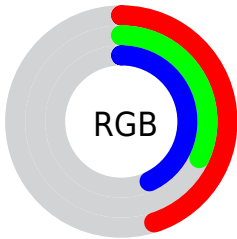
Format	Color
R_{YB}	116, 82, 110
Decimal	7623278
CIE _{Lab}	39.37, 19.19, -10.44
CIE _{LCh}	39, 21.848, 331.458
Yxy	10.8734, 0.3253, 0.2714
Android (android.graphics.Color)	4285813358 (0xFF74526E)
YUV	95.3580, 7.2185, 18.1030
Hunter-Lab	32.9748, 12.8513, -5.9805

Details

The YUV color **95.3580, 7.2185, 18.1030** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **102.6420, -7.2185, -18.1030**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4830, 7.6499, 19.7474**, and **48.2330, 6.7871, 16.4587** is the 20% darker color. If you saturate the color by 10%, you get **88.0860, 9.8176, 24.4806**, and if you desaturate by 10%, it is **102.6300, 4.6194, 11.7255**.

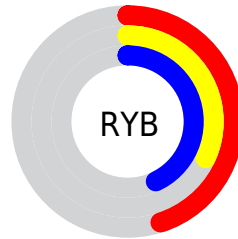
Distribution



Red (45%)

Green (32%)

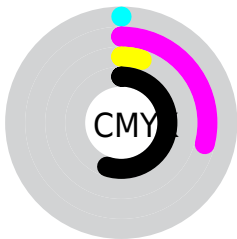
Blue (43%)



Red (45%)

Yellow (32%)

Blue (43%)

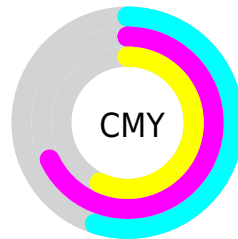


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (55%)



Cyan (55%)

Magenta (68%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.3580, 7.2185, 18.1030 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 95.3580, 7.2185, 18.1030 by changing the saturation by 10% instead.

■ 95.3580, 7.2185,
18.1030

■ 95.3580, 7.2185,
18.1030

■ 255.0000, 0.0000,
0.0000

■ 71.6460, 7.0765,
16.9735

■ 146.4830, 7.6499,
19.7474

■ 48.2330, 6.7871,
16.4587

■ 172.8960, 7.9393,
20.2622

■ 26.5210, 6.6451,
15.3291

■ 200.1950, 7.7919,
20.8770

■ 9.7550, 5.0508,
13.3699

■ 228.6080, 8.0813,
21.3918

■ 0.0000, 0.0000,
0.0000

■ 246.7820, 4.0515,
7.2072

95.3580, 7.2185,
18.1030

95.3580, 7.2185,
18.1030

88.0860, 9.8176,
24.4806

102.6300, 4.6194,
11.7255

81.4010, 12.1273,
30.3433

109.3150, 2.3097,
5.8627

74.1290, 14.7264,
36.7209

116.5870, -0.2894,
-0.5148

67.4440, 17.0361,
42.5836

123.2720, -2.5991,
-6.3775

60.1720, 19.6352,
48.9612

130.5440, -5.1982,
-12.7551

52.9000, 22.2343,
55.3387

137.8160, -7.7973,
-19.1326

46.2150, 24.5440,
61.2014


144.5010,
-10.1070, -24.9954

45.6280, 24.8334,

151.7730,

61.7162

-12.7061, -31.3729

 158.4580,
-15.0158, -37.2357

Harmonies

Analogous

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



94.3820, 14.1087, 1.4190



95.3580, 7.2185, 18.1030



94.6490, -0.8130, 27.4948

Triad

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



95.3580, 7.2185, 18.1030



91.5980, -17.0568, 10.8766



81.1990, 14.6919, -45.7785

Complementary

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



95.3580, 7.2185, 18.1030



102.6420, -7.2185, -18.1030

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.



83.3330, 4.7658, -35.3720



95.3580, 7.2185, 18.1030



89.4220, -13.5190, -3.8781

Square

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



95.3580, 7.2185, 18.1030



93.1310, -15.3476, 22.6871



86.9730, -5.9027, -20.1473



84.6930, 18.8854, -37.4418

Rectangle

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



95.3580, 7.2185, 18.1030



94.4660, -6.6387, 29.4093



86.9730, -5.9027, -20.1473



81.4120, 11.6289, -43.3343

Sweetspot

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



95.3580, 7.2185, 18.1030



142.1410, 2.8885, 6.8923



87.6700, 13.9667, 0.2894



71.4890, 1.7309, 4.8331



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.



95.3580, 7.2185, 18.1030



118.4500, 11.1171, 27.6693



93.4200, -0.2071, 19.8027



55.3640, 1.2995, 3.1888



47.9920, 26.1329, 64.9050



98.2340, 53.1286, 133.0988

Inverse Universe

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



95.3580, 7.2185, 18.1030



118.4500, 11.1171, 27.6693



104.5800, 0.2071, -19.8027



55.3640, 1.2995, 3.1888



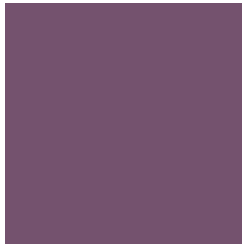
47.9920, 26.1329, 64.9050



98.2340, 53.1286, 133.0988

Previews

White Background



This preview shows how the YUV color 95.3580, 7.2185, 18.1030 looks on a white background.

Color Contrast Check

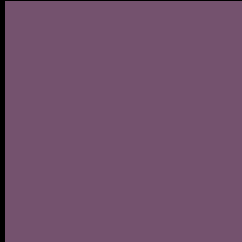
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.3580, 7.2185, 18.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

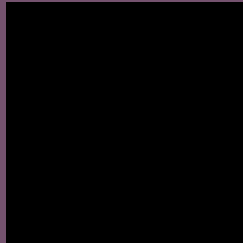
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.3580, 7.2185, 18.1030

Background



This preview shows how black text looks on a background with the YUV color 95.3580, 7.2185, 18.1030.



This preview shows how white text looks on a background with the YUV color 95.3580, 7.2185,

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

95.3580, 7.2185, 18.1030

Protanopia

93.3550, 11.6570, -5.5733

Deuteranopia

94.1340, 6.8359, 0.7595



Tritanopia

94.4690, -1.2172, 17.1287

Trichromacy



Original Color

95.3580, 7.2185, 18.1030

Protanomaly

93.9540, 9.8827, 3.5483

Deuteranomaly

94.8790, 6.9617, 7.1221

Tritanomaly

94.9790, 1.9824, 17.5584

Monochromacy



Original Color

95.3580, 7.2185, 18.1030

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.3580, 7.2185, 18.1030 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(116, 82, 110)` looks like.

```
.text, #text, p{  
    color:rgb(116, 82, 110)  
}
```

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(116, 82, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 82, 110) }
```

Border

The CSS property to change the border of an element to YUV 95.3580, 7.2185, 18.1030 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(116, 82, 110) }
```


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

```
.border{ border-color:rgb(116, 82, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 82, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 82, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 82, 110);  
box-shadow:4px 4px 4px 4px rgb(116, 82,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 95.3580, 7.2185, 18.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 82, 110) }
```

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

```
.background{ background-color: rgb(116, 82,  
110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor