

Converting Colors

YUV(91.8170, 17.8382, 18.5775)

Have a look what the booklet for
YUV(91.8170, 17.8382, 18.5775)
contains.

YUV(91.8170, 17.8382, 18.5775)	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(91.8170, 17.8382,
18.5775)**

Conversions

Conversions Part 1

Format	Color
Hex	714A80
RGB	113, 74, 128
RGB Percent	44%, 29%, 50%
CMY	0.5569, 0.7098, 0.4980
CMYK	0.12, 0.42, 0.00, 0.50
HSL	283°, 27%, 40%
HSV	283°, 42%, 50%
XYZ	13.1551, 9.9668, 21.6525
YIQ	91.8170, 5.9100, 25.0620

Conversions

Conversions Part 2

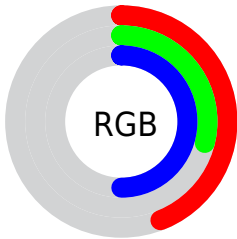
Format	Color
R_{YB}	113, 74, 128
Decimal	7424640
CIE _{Lab}	37.78, 26.81, -24.01
CIE _{LCh}	38, 35.992, 318.158
Yxy	9.9668, 0.2938, 0.2226
Android (android.graphics.Color)	4285614720 (0xFF714A80)
YUV	91.8170, 17.8382, 18.5775
Hunter-Lab	31.5702, 19.1320, -18.5650

Details

The YUV color **91.8170, 17.8382, 18.5775** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **110.1830, -17.8382, -18.5775**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0560, 18.7064, 20.1219**, and **44.5780, 16.9700, 17.0331** is the 20% darker color. If you saturate the color by 10%, you get **82.9900, 22.1899, 22.8108**, and if you desaturate by 10%, it is **100.6440, 13.4865, 14.3442**.

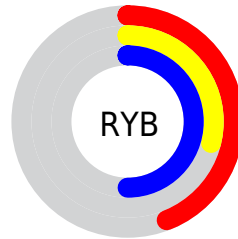
Distribution



Red (44%)

Green (29%)

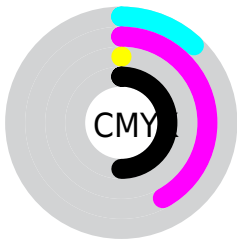
Blue (50%)



Red (44%)

Yellow (29%)

Blue (50%)

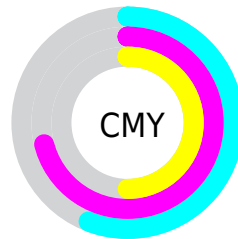


Cyan (12%)

Magenta (42%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (71%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.8170, 17.8382, 18.5775 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 91.8170, 17.8382, 18.5775 by changing the saturation by 10% instead.

■ 91.8170, 17.8382,
18.5775

■ 91.8170, 17.8382,
18.5775

■ 255.0000, 0.0000,
0.0000

■ 67.9910, 17.2594,
17.5479

■ 143.0560, 18.7064,
20.1219

■ 44.5780, 16.9700,
17.0331

■ 169.5830, 19.4326,
20.5367

■ 21.7520, 16.3913,
16.0035

■ 196.9960, 19.7220,
21.0515

■ 9.2580, 12.1978,
7.6667

■ 223.5680, 15.4960,
23.1809

■ 0.7980, 3.0576,
-0.6998

■ 242.0860, 6.3666,
11.3256

■ 0.0000, 0.0000,
0.0000

91.8170, 17.8382,
18.5775

91.8170, 17.8382,
18.5775

82.9900, 22.1899,
22.8108

100.6440, 13.4865,
14.3442

74.4620, 26.3942,
27.6588

109.1720, 9.2822,
9.4962

66.2220, 30.4566,
31.3773

117.4120, 5.2199,
5.7777

57.6940, 34.6609,
36.2254

125.9400, 1.0156,
0.9296

48.8670, 39.0126,
40.4586

134.7670, -3.3361,
-3.3037


42.1000, 42.3487,
43.7623

143.2950, -7.5404,
-8.1517

152.1220,
-11.8921, -12.3850

160.0630,

-15.8071, -16.7183

 168.8900,
-20.1588, -20.9515

Harmonies

Analogous

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



87.8280, 27.6928, -15.6352



91.8170, 17.8382, 18.5775



90.4470, 5.6956, 39.9500

Triad

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



91.8170, 17.8382, 18.5775



86.5260, -27.8673, 24.9717



72.5450, 16.4933, -63.6220

Complementary

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



91.8170, 17.8382, 18.5775



110.1830, -17.8382, -18.5775

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.



69.1250, 3.3894, -60.6226



91.8170, 17.8382, 18.5775



84.3230, -26.7812, 3.2247

Square

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



91.8170, 17.8382, 18.5775



87.6880, -20.0592, 40.6156



79.7310, -15.6434, -22.5661



74.3350, 28.4288, -65.1918

Rectangle

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



91.8170, 17.8382, 18.5775



88.7870, -3.3460, 46.6678



79.7310, -15.6434, -22.5661



71.4050, 12.1253, -62.6222

Sweetspot

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



91.8170, 17.8382, 18.5775



151.2920, 7.2510, 7.6369



88.9610, 19.2462, -13.1208



75.1730, 4.3517, 4.2333



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



91.8170, 17.8382, 18.5775



108.9290, 28.1360, 29.0033



94.9340, 10.3855, 28.9989



59.2930, 2.3206, 2.3740



42.1000, 42.3487, 43.7623



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.8560, -1.4080, 31.6983



109.1510, -2.0464, 49.8566



107.0660, -10.3855, -28.9989



59.3210, -0.1583, 4.1035



42.2620, -3.5802, 75.1922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 91.8170, 17.8382, 18.5775 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 ✓ Pass

Black Background



This preview shows how the YUV color 91.8170, 17.8382, 18.5775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

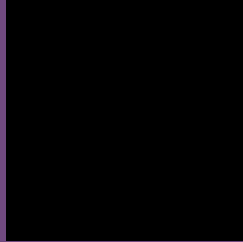
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.8170, 17.8382, 18.5775

Background



This preview shows how black text looks on a background with the YUV color 91.8170, 17.8382, 18.5775.



This preview shows how white text looks on a background with the YUV color 91.8170, 17.8382,

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

91.8170, 17.8382, 18.5775

Protanopia

88.4320, 24.9300, -16.1649

Deuteranopia

88.9290, 17.7830, -10.4617



Tritanopia

90.8600, -0.9170, 14.1548

Trichromacy



Original Color

91.8170, 17.8382, 18.5775

Protanomaly

89.8250, 22.2713, -3.3545

Deuteranomaly

89.9950, 17.7505, 0.0044

Tritanomaly

91.2930, 5.7716, 15.5290

Monochromacy



Original Color

91.8170, 17.8382, 18.5775

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7650, 6.5249, 7.2221

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.8170, 17.8382, 18.5775 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(113, 74, 128)` looks like.

```
.text, #text, p{  
    color:rgb(113, 74, 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(113, 74, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 74, 128) }
```

Border

The CSS property to change the border of an element to YUV 91.8170, 17.8382, 18.5775 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(113, 74, 128) }
```


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

```
.border{ border-color:rgb(113, 74, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 74, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 74, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 74, 128); box-shadow:4px 4px 4px 4px rgb(113, 74, 128) }
```

Background

The CSS property to change the background color of an element to YUV 91.8170, 17.8382, 18.5775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 74, 128) }
```

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

```
.background{ background-color: rgb(113, 74,  
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](#).

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