

Converting Colors

YUV(95.8380, 19.3069, 14.1741)

Have a look what the booklet for
YUV(95.8380, 19.3069, 14.1741)
contains.

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Color

**YUV(95.8380, 19.3069,
14.1741)**

Conversions

Conversions Part 1

Format	Color
Hex	705087
RGB	112, 80, 135
RGB Percent	44%, 31%, 53%
CMY	0.5608, 0.6863, 0.4706
CMYK	0.17, 0.41, 0.00, 0.47
HSL	275°, 26%, 42%
HSV	275°, 41%, 53%
XYZ	13.9239, 10.9313, 24.2978
YIQ	95.8380, 1.4170, 23.8890

Conversions

Conversions Part 2

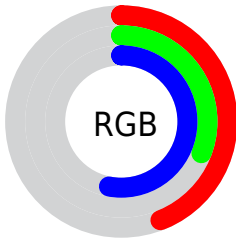
Format	Color
R_{YB}	112, 80, 135
Decimal	7360647
CIE _{Lab}	39.46, 24.51, -25.68
CIE _{LCh}	39, 35.499, 313.660
Yxy	10.9313, 0.2833, 0.2224
Android (android.graphics.Color)	4285550727 (0xFF705087)
YUV	95.8380, 19.3069, 14.1741
Hunter-Lab	33.0626, 17.3138, -20.4286

Details

The YUV color **95.8380, 19.3069, 14.1741** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **119.1620, -19.3069, -14.1741**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1910, 20.6118, 15.6185**, and **48.4850, 18.0019, 12.7297** is the 20% darker color. If you saturate the color by 10%, you get **85.8260, 24.2428, 17.6926**, and if you desaturate by 10%, it is **105.8500, 14.3710, 10.6556**.

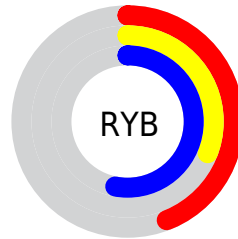
Distribution



Red (44%)

Green (31%)

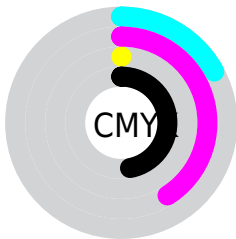
Blue (53%)



Red (44%)

Yellow (31%)

Blue (53%)

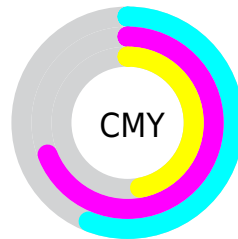


Cyan (17%)

Magenta (41%)

Yellow (0%)

Black (47%)



Cyan (56%)

Magenta (69%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8380, 19.3069, 14.1741 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 95.8380, 19.3069, 14.1741 by changing the saturation by 10% instead.

■ 95.8380, 19.3069,
14.1741

■ 95.8380, 19.3069,
14.1741

■ 255.0000, 0.0000,
0.0000

■ 71.8980, 18.2913,
13.2445

■ 147.1910, 20.6118,
15.6185

■ 48.4850, 18.0019,
12.7297

■ 173.6040, 20.9012,
16.1333

■ 26.2460, 17.1337,
11.1853

■ 201.1310, 21.6274,
16.5481

■ 11.1380, 14.2290,
9.5260

■ 227.3780, 13.6176,
18.9625

■ 2.5250, 7.1362,
-2.2144

■ 245.6080, 4.6303,
8.2368

■ 0.0000, 0.0000,
0.0000

95.8380, 19.3069,
14.1741

95.8380, 19.3069,
14.1741

85.8260, 24.2428,
17.6926

105.8500, 14.3710,
10.6556

76.7000, 28.7419,
21.3111

114.9760, 9.8718,
7.0370

66.6880, 33.6778,
24.8296

124.4010, 5.2253,
4.0333

57.2630, 38.3243,
27.8333

134.4130, 0.2894,
0.5148

47.5500, 43.1129,
31.9667

143.5390, -4.2097,
-3.1037


39.0110, 47.3226,
35.0704

153.5510, -9.1456,
-6.6222

163.5630,
-14.0816, -10.1408

172.6890,

-18.5807, -13.7593

 182.7010,
-23.5166, -17.2778

Harmonies

Analogous

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



91.0230, 28.5827, -21.0682



95.8380, 19.3069, 14.1741



94.8920, 7.4482, 37.8057

Triad

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



95.8380, 19.3069, 14.1741



91.3630, -27.2940, 27.7456



74.8930, 15.3358, -65.6812

Complementary

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



95.8380, 19.3069, 14.1741



119.1620, -19.3069, -14.1741

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.



72.3810, 1.7842, -59.0931



95.8380, 19.3069, 14.1741



89.2310, -27.2289, 6.8134

Square

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



95.8380, 19.3069, 14.1741



92.3400, -18.9016, 42.6748



84.8950, -17.6962, -17.4479



77.2700, 26.9819, -67.7658

Rectangle

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



95.8380, 19.3069, 14.1741



93.9440, -1.4514, 45.6531



84.8950, -17.6962, -17.4479



73.7530, 10.9678, -64.6814

Sweetspot

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



95.8380, 19.3069, 14.1741



160.9820, 7.4039, 5.2778



100.3580, 17.0785, -17.8540



80.4610, 4.2097, 3.1037



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



95.8380, 19.3069, 14.1741



114.7540, 30.1943, 22.1407



102.2590, 14.1693, 28.7139



61.8800, 2.0312, 1.8592



37.5440, 45.5808, 33.7259



0.6410, 1.1630, 0.3148

Inverse Universe

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



99.0670, 1.9390, 31.5132



119.8180, 3.0477, 49.2716



112.7410, -14.1693, -28.7139



62.0220, -0.0108, 3.4887



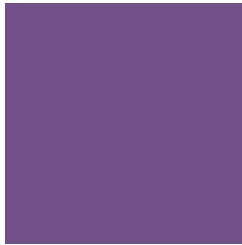
45.0260, 4.4242, 74.5222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 95.8380, 19.3069, 14.1741 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 95.8380, 19.3069, 14.1741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

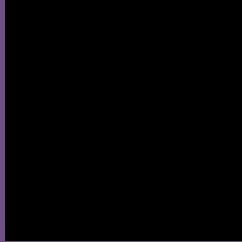
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.8380, 19.3069, 14.1741

Background



This preview shows how black text looks on a background with the YUV color 95.8380, 19.3069, 14.1741.



This preview shows how white text looks on a background with the YUV color 95.8380, 19.3069,

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

95.8380, 19.3069, 14.1741

Protanopia

92.0730, 26.0930, -15.8500

Deuteranopia

92.7870, 19.8250, -12.0912



Tritanopia

94.7670, 0.1149, 9.8513

Trichromacy



Original Color

95.8380, 19.3069, 14.1741

Protanomaly

93.4550, 23.4397, -4.7840

Deuteranomaly

94.1410, 19.6505, -2.7547

Tritanomaly

95.3140, 7.2402, 11.1256

Monochromacy



Original Color

95.8380, 19.3069, 14.1741

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8680, 6.9671, 5.3778

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8380, 19.3069, 14.1741 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(112, 80, 135)` looks like.

```
.text, #text, p{  
    color:rgb(112, 80, 135)  
}
```

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(112, 80, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 80, 135) }
```

Border

The CSS property to change the border of an element to YUV 95.8380, 19.3069, 14.1741 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(112, 80, 135) }
```


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

```
.border{ border-color:rgb(112, 80, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 80, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 80, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 80, 135);  
box-shadow:4px 4px 4px 4px rgb(112, 80,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 95.8380, 19.3069, 14.1741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 80, 135) }
```

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

```
.background{ background-color: rgb(112, 80,  
135) }
```

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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