

Converting Colors

YUV(113.8980, 14.8403, 0.0895)

Have a look what the booklet for
YUV(113.8980, 14.8403, 0.0895)
contains.

YUV(113.8980, 14.8403, 0.0895)	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(113.8980, 14.8403,
0.0895)**

Conversions

Conversions Part 1

Format	Color
Hex	726C90
RGB	114, 108, 144
RGB Percent	45%, 42%, 56%
CMY	0.5529, 0.5765, 0.4353
CMYK	0.21, 0.25, 0.00, 0.44
HSL	250°, 14%, 49%
HSV	250°, 25%, 56%
XYZ	17.3360, 16.3161, 28.6212
YIQ	113.8980, -7.9800, 12.4680

Conversions

Conversions Part 2

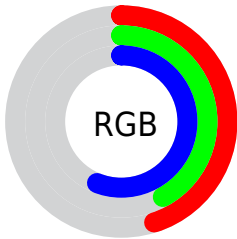
Format	Color
R_{YB}	114, 108, 144
Decimal	7498896
CIE _{Lab}	47.39, 10.34, -18.83
CIE _{LCh}	47, 21.481, 298.771
Yxy	16.3161, 0.2784, 0.2620
Android (android.graphics.Color)	4285688976 (0xFF726C90)
YUV	113.8980, 14.8403, 0.0895
Hunter-Lab	40.3933, 5.9207, -13.7354

Details

The YUV color **113.8980, 14.8403, 0.0895** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138.1020, -14.8403, -0.0895**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5390, 16.0033, 0.4043**, and **65.8440, 13.3879, -0.7402** is the 20% darker color. If you saturate the color by 10%, you get **102.0920, 20.6606, -0.0807**, and if you desaturate by 10%, it is **125.7040, 9.0199, 0.2596**.

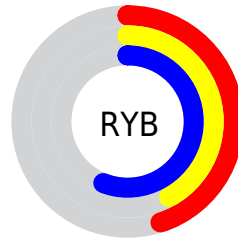
Distribution



Red (45%)

Green (42%)

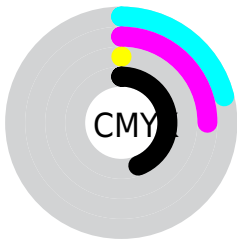
Blue (56%)



Red (45%)

Yellow (42%)

Blue (56%)

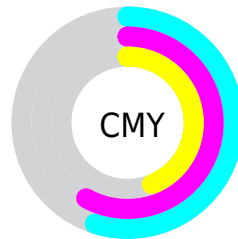


Cyan (21%)

Magenta (25%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8980, 14.8403, 0.0895 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 113.8980, 14.8403, 0.0895 by changing the saturation by 10% instead.

■ 113.8980, 14.8403,
0.0895

■ 113.8980, 14.8403,
0.0895

■ 255.0000, 0.0000,
0.0000

■ 89.3710, 14.1141,
-0.3254

■ 165.5390, 16.0033,
0.4043

■ 65.8440, 13.3879,
-0.7402

■ 192.9520, 16.2927,
0.9191

■ 43.4310, 13.0985,
-1.2550

■ 221.0660, 16.7295,
0.8191

■ 22.4910, 12.0829,
-2.1846

■ 245.8740, 4.4991,
3.6185

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 113.8980, 14.8403,
0.0895

■ 113.8980, 14.8403,
0.0895

■ 102.0920, 20.6606,
-0.0807

■ 125.7040, 9.0199,
0.2596

■ 89.6990, 26.7704,
0.2640

■ 138.0970, 2.9102,
-0.0851

■ 77.8930, 32.5908,
0.0938

■ 149.9030, -2.9102,
0.0851

■ 65.5000, 38.7005,
0.4385

■ 162.2960, -9.0199,
-0.2596

■ 53.6940, 44.5209,
0.2684

■ 174.1020,
-14.8403, -0.0895

■ 41.8880, 50.3412,
0.0982

■ 185.9080,
-20.6606, 0.0807

■ 29.4950, 56.4510,
0.4429


■ 198.3010,
-26.7704, -0.2640

■ 23.5920, 59.3611,

■ 210.1070,

0.3578

-32.5908, -0.0938

 222.5000,
-38.7005, -0.4385

Harmonies

Analogous

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



110.1020, 18.6837, -19.3835



113.8980, 14.8403, 0.0895



115.1730, 7.8027, 17.3883

Triad

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



113.8980, 14.8403, 0.0895



113.1420, -15.3530, 24.4315



104.0020, 3.4500, -33.3278

Complementary

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



113.8980, 14.8403, 0.0895



138.1020, -14.8403, -0.0895

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.



106.7560, -6.7817, -18.2030



113.8980, 14.8403, 0.0895



111.4950, -17.4990, 12.7209

Square

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



113.8980, 14.8403, 0.0895



113.8960, -8.8227, 29.9092



109.7920, -14.6875, -2.4486



102.7650, 12.9339, -41.8899

Rectangle

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



113.8980, 14.8403, 0.0895



115.4360, 2.2501, 25.0506



109.7920, -14.6875, -2.4486



105.1120, -0.0552, -29.0392

Sweetspot

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



113.8980, 14.8403, 0.0895



173.6070, 6.1097, 0.3447



129.7140, 7.0430, -19.0432



86.3250, 3.7838, -0.2850



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.



113.8980, 14.8403, 0.0895



139.3740, 22.9866, 0.5490



119.2800, 12.1870, 11.1554



65.0970, 2.9102, -0.0851



22.2670, 55.5774, 0.6428



1.2110, 3.3470, -0.1850

Inverse Universe

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



122.1840, 7.7973, 19.1326



152.1020, 12.2747, 29.7285



132.7200, -12.1870, -11.1554



66.7770, 1.5889, 3.7036



53.2470, 29.4582, 71.6974



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 113.8980, 14.8403, 0.0895 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 113.8980, 14.8403, 0.0895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

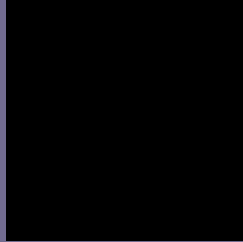
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.8980, 14.8403, 0.0895

Background



This preview shows how black text looks on a background with the YUV color 113.8980, 14.8403, 0.0895.



This preview shows how white text looks on a background with the YUV color 113.8980, 14.8403,

0.0895.

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

113.8980, 14.8403, 0.0895

Protanopia

112.5980, 16.4672, -8.4174

Deuteranopia

112.9790, 15.2934, -5.2436



Tritanopia

112.4280, 4.2260, -2.1294

Trichromacy



Original Color

113.8980, 14.8403, 0.0895

Protanomaly

113.0930, 15.7302, -5.3436

Deuteranomaly

113.2890, 15.1405, -2.8845

Tritanomaly

113.0520, 7.8624, -1.7996

Monochromacy



Original Color

113.8980, 14.8403, 0.0895

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0800, 5.3836, -0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8980, 14.8403, 0.0895 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(114, 108, 144)` looks like.

```
.text, #text, p{  
    color:rgb(114, 108, 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(114, 108, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 108, 144) }
```

Border

The CSS property to change the border of an element to YUV 113.8980, 14.8403, 0.0895 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(114, 108, 144) }
```


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

```
.border{ border-color:rgb(114, 108, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 108, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 108, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 108, 144);  
box-shadow:4px 4px 4px 4px rgb(114, 108,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 113.8980, 14.8403, 0.0895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 108, 144) }
```

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

```
.background{ background-color: rgb(114,  
108, 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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