

Converting Colors

YUV(113.9420, -1.9434,
16.7139)

Have a look what the booklet for
YUV(113.9420, -1.9434, 16.7139)
contains.

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Color

**YUV(113.9420, -1.9434,
16.7139)**

Conversions

Conversions Part 1

Format	Color
Hex	85696E
RGB	133, 105, 110
RGB Percent	52%, 41%, 43%
CMY	0.4784, 0.5882, 0.5686
CMYK	0.00, 0.21, 0.17, 0.48
HSL	349°, 12%, 47%
HSV	349°, 21%, 52%
XYZ	17.5389, 16.2155, 16.9574
YIQ	113.9420, 15.0830, 7.4910

Conversions

Conversions Part 2

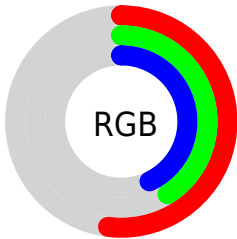
Format	Color
R_{YB}	133, 105, 110
Decimal	8743278
CIE _{Lab}	47.26, 12.00, 1.46
CIE _{LCh}	47, 12.092, 6.924
Yxy	16.2155, 0.3459, 0.3198
Android (android.graphics.Color)	4286933358 (0xFF85696E)
YUV	113.9420, -1.9434, 16.7139
Hunter-Lab	40.2685, 7.2758, 3.2205

Details

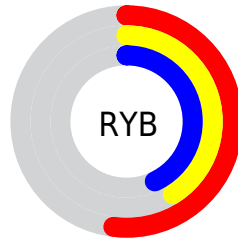
The YUV color **113.9420, -1.9434, 16.7139** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **124.0580, 1.9434, -16.7139**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6540, -1.8014, 17.8434**, and **66.0450, -1.5012, 14.8695** is the 20% darker color. If you saturate the color by 10%, you get **105.0570, -2.9861, 24.5060**, and if you desaturate by 10%, it is **122.8270, -0.9007, 8.9217**.

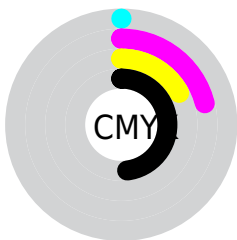
Distribution



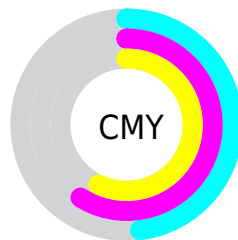
- Red (52%)
- Green (41%)
- Blue (43%)



- Red (52%)
- Yellow (41%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (48%)



- Cyan (48%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.9420, -1.9434, 16.7139 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 113.9420, -1.9434, 16.7139 by changing the saturation by 10% instead.

■ 113.9420, -1.9434,
16.7139

■ 113.9420, -1.9434,
16.7139

255.0000, 0.0000,
0.0000

■ 89.3440, -1.6486,
15.4843

■ 165.6540, -1.8014,
17.8434

■ 66.0450, -1.5012,
14.8695

■ 192.9530, -1.9488,
18.4582

■ 43.4470, -1.2064,
13.6400

■ 221.1380, -2.5330,
19.1730

■ 22.1480, -1.0590,
13.0252

■ 244.4680, 0.2623,
9.2366

■ 0.0000, 0.0000,
0.0000

■ 113.9420, -1.9434,

■ 113.9420, -1.9434,

16.7139

16.7139

■ 105.0570, -2.9861,
24.5060

■ 122.8270, -0.9007,
8.9217

■ 95.5850, -3.7394,
32.8130

■ 132.2990, -0.1474,
0.6148

■ 86.7000, -4.7821,
40.6051

■ 141.1840, 0.8953,
-7.1774

■ 77.8150, -5.8248,
48.3972

■ 150.0690, 1.9380,
-14.9695

■ 68.9300, -6.8675,
56.1894

■ 158.9540, 2.9807,
-22.7617

■ 59.4580, -7.6208,
64.4963

■ 168.4260, 3.7340,
-31.0686

■ 50.6870, -8.2267,
72.1885

■ 177.1970, 4.3399,
-38.7608

■ 42.5030, -9.1220,
79.3659

■ 186.0820, 5.3826,
-46.5529

■ 195.5540, 6.1359,
-54.8599

Harmonies

Analogous

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



113.8750, 3.0196, 11.5106



113.9420, -1.9434, 16.7139



113.3890, -6.6008, 17.1988

Triad

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



113.9420, -1.9434, 16.7139



110.1430, -6.9725, -3.6334



109.8330, 9.9423, -15.6395

Complementary

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



113.9420, -1.9434, 16.7139



124.0580, 1.9434, -16.7139

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.



108.5290, 7.6272, -19.7579



113.9420, -1.9434, 16.7139



108.9400, -2.4354, -12.2254

Square

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



113.9420, -1.9434, 16.7139



111.5140, -9.6204, 5.6882



108.2750, 2.8224, -18.6582



111.8880, 9.9152, -6.9178

Rectangle

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



113.9420, -1.9434, 16.7139



113.0960, -8.9213, 14.8248



108.2750, 2.8224, -18.6582



109.4090, 9.6584, -17.8987

Sweetspot

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



113.9420, -1.9434, 16.7139



166.2180, -0.6005, 5.9478



115.0690, 8.8400, 11.3405



82.9080, -0.4476, 3.5887



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



113.9420, -1.9434, 16.7139



143.7690, -2.8441, 25.6356



118.6550, -6.7319, 12.5806



61.9080, -0.4476, 3.5887



41.4920, -9.1166, 77.6215



0.8970, -0.4422, 1.8443

Inverse Universe

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



113.9420, -1.9434, 16.7139



143.7690, -2.8441, 25.6356



119.3450, 6.7319, -12.5806



61.9080, -0.4476, 3.5887



41.4920, -9.1166, 77.6215



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 113.9420, -1.9434, 16.7139 looks on a white background.

Color Contrast Check

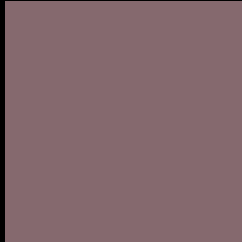
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.9420, -1.9434, 16.7139 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 113.9420, -1.9434, 16.7139

Background



This preview shows how black text looks on a background with the YUV color 113.9420, -1.9434, 16.7139.



This preview shows how white text looks on a background with the YUV color 113.9420, -1.9434,

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

113.9420, -1.9434, 16.7139

Protanopia

112.8260, 0.5788, 1.0296

Deuteranopia

113.4850, -2.2111, 9.2217



Tritanopia

114.2840, -0.6330, 16.4139

Trichromacy



Original Color

113.9420, -1.9434, 16.7139

Protanomaly

113.0440, -0.0217, 6.9774

Deuteranomaly

113.7950, -2.3639, 11.5808

Tritanomaly

114.1700, -1.0698, 16.5139

Monochromacy



Original Color

113.9420, -1.9434, 16.7139

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2180, -0.6005, 5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9420, -1.9434, 16.7139 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(133, 105, 110)` looks like.

```
.text, #text, p{  
    color:rgb(133, 105, 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(133, 105, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 105, 110) }
```

Border

The CSS property to change the border of an element to YUV 113.9420, -1.9434, 16.7139 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(133, 105, 110) }
```


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

```
.border{ border-color:rgb(133, 105, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 105, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 105, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 105, 110);  
box-shadow:4px 4px 4px 4px rgb(133, 105,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 113.9420, -1.9434, 16.7139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 105, 110) }
```

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

```
.background{ background-color: rgb(133,  
105, 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](#).

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