

Converting Colors

YUV(98.1430, 16.6915, 13.0296)

Have a look what the booklet for
YUV(98.1430, 16.6915, 13.0296)
contains.

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Color

**YUV(98.1430, 16.6915,
13.0296)**

Conversions

Conversions Part 1	
Format	Color
Hex	715484
RGB	113, 84, 132
RGB Percent	44%, 33%, 52%
CMY	0.5569, 0.6706, 0.4824
CMYK	0.14, 0.36, 0.00, 0.48
HSL	276°, 22%, 42%
HSV	276°, 36%, 52%
XYZ	14.1452, 11.5173, 23.3073
YIQ	98.1430, 1.8760, 21.0760

Conversions

Conversions Part 2

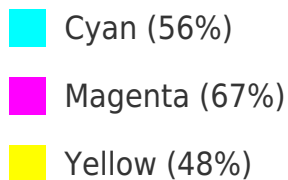
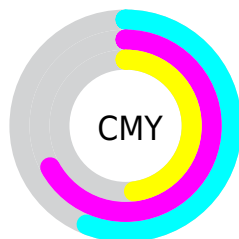
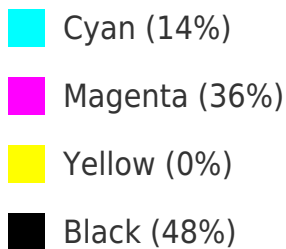
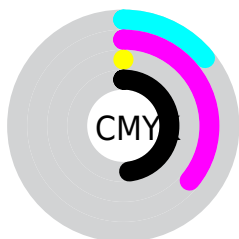
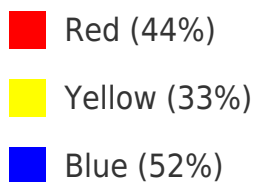
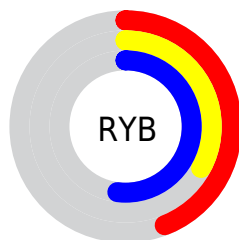
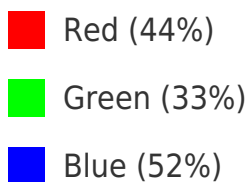
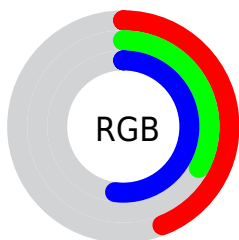
Format	Color
RYB	113, 84, 132
Decimal	7427204
CIELab	40.44, 21.70, -22.33
CIELCh	40, 31.138, 314.177
Yxy	11.5173, 0.2889, 0.2352
Android (android.graphics.Color)	4285617284 (0xFF715484)
YUV	98.1430, 16.6915, 13.0296
Hunter-Lab	33.9371, 15.0100, -16.9631

Details

The YUV color **98.1430, 16.6915, 13.0296** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **117.8570, -16.6915, -13.0296**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3820, 17.5597, 14.5740**, and **50.7900, 15.3865, 11.5852** is the 20% darker color. If you saturate the color by 10%, you get **89.0170, 21.1906, 16.6481**, and if you desaturate by 10%, it is **107.2690, 12.1924, 9.4111**.


Distribution





Brightness & Saturation Gradients


These gradients show how the YUV color 98.1430, 16.6915, 13.0296 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 98.1430, 16.6915, 13.0296 by changing the saturation by 10% instead.


 98.1430, 16.6915,
13.0296


 98.1430, 16.6915,
13.0296


 255.0000, 0.0000,
0.0000


 74.3170, 16.1127,
12.0000

 149.3820, 17.5597,
14.5740


 50.7900, 15.3865,
11.5852


 175.9090, 18.2859,
14.9888

 28.9640, 14.8077,
10.5556


 203.3220, 18.5753,
15.5036


 11.5080, 13.0606,
10.9555


 230.0250, 12.3127,
17.5181


 2.1830, 5.8258,
-1.9145

 248.5430, 3.1833,
5.6628


 0.0000, 0.0000,
0.0000


 98.1430, 16.6915,
13.0296


 98.1430, 16.6915,
13.0296

 89.0170, 21.1906,
16.6481


 107.2690, 12.1924,
9.4111


 79.8910, 25.6897,
20.2666


 116.3950, 7.6933,
5.7926

 69.8790, 30.6257,
23.7851


 126.4070, 2.7573,
2.2741

 60.7530, 35.1248,
27.4036


 135.5330, -1.7418,
-1.3444


 51.6270, 39.6239,
31.0221

 144.6590, -6.2409,
-4.9629

 42.5010, 44.1230,
34.6406


 153.7850,
-10.7400, -8.5814

 38.9680, 45.8648,
35.9851

 163.2100,
-15.3865, -11.5852

 172.9230,

-20.1750, -15.7185

 182.0490,
-24.6742, -19.3370

Harmonies

Analogous

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



94.4320, 24.9300, -16.1649



98.1430, 16.6915, 13.0296



97.8160, 6.0067, 33.4874

Triad

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



98.1430, 16.6915, 13.0296



93.9650, -23.6467, 24.5867



75.5940, 15.4832, -66.2959

Complementary

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



98.1430, 16.6915, 13.0296



117.8570, -16.6915, -13.0296

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.



82.1980, -0.5906, -44.0236



98.1430, 16.6915, 13.0296



92.1430, -23.7345, 6.0136

Square

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



98.1430, 16.6915, 13.0296



95.1760, -16.8488, 37.5566



88.8890, -15.2283, -15.6887



77.6290, 25.8189, -68.0806

Rectangle

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



98.1430, 16.6915, 13.0296



96.7970, -1.8719, 40.5200



88.8890, -15.2283, -15.6887



74.5680, 11.5520, -65.3961

Sweetspot

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



98.1430, 16.6915, 13.0296



157.4550, 6.6777, 4.8630



100.6250, 15.4679, -14.5801



78.4610, 4.2097, 3.1037



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.



98.1430, 16.6915, 13.0296



118.0050, 26.1265, 20.1666



103.2540, 11.7068, 25.2102



61.8800, 2.0312, 1.8592



38.4410, 45.1386, 35.5702



0.9400, 1.0156, 0.9296

Inverse Universe

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



100.5180, 1.2236, 27.6097



121.7310, 1.6116, 43.2089



112.7460, -11.7068, -25.2102



62.0220, -0.0108, 3.4887



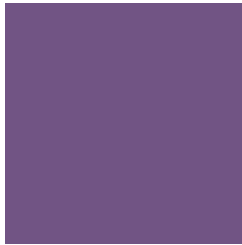
44.6840, 3.1138, 74.8221



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 98.1430, 16.6915, 13.0296 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 98.1430, 16.6915, 13.0296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

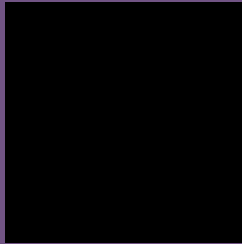
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.1430, 16.6915, 13.0296

Background



This preview shows how black text looks on a background with the YUV color 98.1430, 16.6915, 13.0296.



This preview shows how white text looks on a background with the YUV color 98.1430, 16.6915,

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

98.1430, 16.6915, 13.0296

Protanopia

95.0580, 22.1564, -13.2059

Deuteranopia





95.4130, 17.0514, -9.1322






Tritanopia

96.8810, 0.5517, 9.7514

Trichromacy

	Original Color 98.1430, 16.6915, 13.0296
	Protanomaly 95.9560, 20.2347, -3.4694
	Deuteranomaly 96.1690, 17.1717, -1.0252
	Tritanomaly 97.0860, 6.3666, 11.3256

Monochromacy

	Original Color 98.1430, 16.6915, 13.0296
	Achromatopsia 98.0000, 0.0000, 0.0000
	Achromatomaly 97.9280, 5.9515, 4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.1430, 16.6915, 13.0296 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, 84, 132)` looks like.

```
.text, #text, p{  
    color:rgb(113, 84, 132)  
}
```

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, 84, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 84, 132) }
```

Border

The CSS property to change the border of an element to YUV 98.1430, 16.6915, 13.0296 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, 84, 132) }
```


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

```
.border{ border-color:rgb(113, 84, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 84, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 84, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 84, 132);  
box-shadow:4px 4px 4px 4px rgb(113, 84,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 98.1430, 16.6915, 13.0296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 84, 132) }
```

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

```
.background{ background-color: rgb(113, 84,  
132) }
```

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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