

Converting Colors

YUV(98.7130, 35.6375, 2.8827)

Have a look what the booklet for
YUV(98.7130, 35.6375, 2.8827)
contains.

YUV(98.7130, 35.6375, 2.8827)	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(98.7130, 35.6375,
2.8827)**

Conversions

Conversions Part 1

Format	Color
Hex	6653AB
RGB	102, 83, 171
RGB Percent	40%, 33%, 67%
CMY	0.6000, 0.6745, 0.3294
CMYK	0.40, 0.51, 0.00, 0.33
HSL	253°, 35%, 50%
HSV	253°, 51%, 67%
XYZ	15.9234, 11.9516, 39.9957
YIQ	98.7130, -16.9240, 31.3960

Conversions

Conversions Part 2

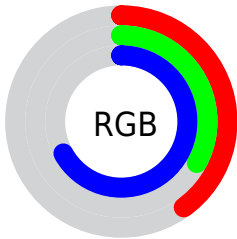
Format	Color
R_{YB}	102, 83, 171
Decimal	6706091
CIE _{Lab}	41.14, 29.35, -44.72
CIE _{LCh}	41, 53.489, 303.275
Yxy	11.9516, 0.2346, 0.1761
Android (android.graphics.Color)	4284896171 (0xFF6653AB)
YUV	98.7130, 35.6375, 2.8827
Hunter-Lab	34.5710, 21.7178, -44.3937

Details

The YUV color **98.7130, 35.6375, 2.8827** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **155.2870, -35.6375, -2.8827**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5930, 37.6687, 4.7419**, and **49.5230, 33.7592, -1.3357** is the 20% darker color. If you saturate the color by 10%, you get **84.8470, 42.4734, 3.6422**, and if you desaturate by 10%, it is **112.5790, 28.8016, 2.1232**.

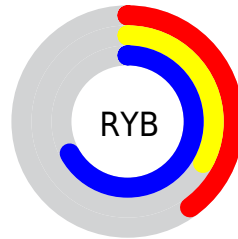
Distribution



Red (40%)

Green (33%)

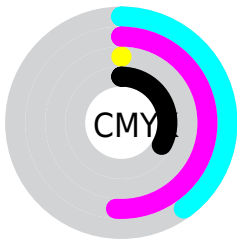
Blue (67%)



Red (40%)

Yellow (33%)

Blue (67%)

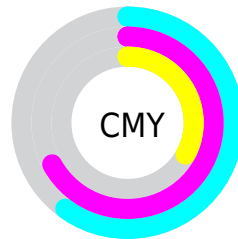


Cyan (40%)

Magenta (51%)

Yellow (0%)

Black (33%)



Cyan (60%)

Magenta (67%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.7130, 35.6375, 2.8827 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 98.7130, 35.6375, 2.8827 by changing the saturation by 10% instead.

■ 98.7130, 35.6375,
2.8827

■ 98.7130, 35.6375,
2.8827

■ 255.0000, 0.0000,
0.0000

■ 74.0610, 34.4799,
0.8235

■ 150.5930, 37.6687,
4.7419

■ 49.5230, 33.7592,
-1.3357

■ 177.4190, 38.2474,
5.7715

■ 25.0770, 33.4860,
-7.0835

■ 201.9390, 26.1591,
9.7005

■ 7.8660, 30.1391,
-6.8985

■ 227.0460, 13.7813,
13.1147

■ 6.8910, 18.7877,
-6.0434

■ 247.9560, 3.4727,
6.1776

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 98.7130, 35.6375,
2.8827

■ 98.7130, 35.6375,
2.8827

■ 84.8470, 42.4734,
3.6422

■ 112.5790, 28.8016,
2.1232

■ 70.6820, 49.4568,
3.7869

■ 126.7440, 21.8182,
1.9785

■ 56.8160, 56.2927,
4.5464

■ 140.6100, 14.9823,
1.2190

■ 42.6510, 63.2761,
4.6911

■ 154.7750, 7.9989,
1.0743

■ 30.5570, 69.2384,
5.6505

■ 168.6410, 1.1630,
0.3148

■ 183.0940, -5.9623,
-0.9594

■ 197.2590,
-12.9457, -1.1041

■ 211.1250,
-19.7816, -1.8636

■ 225.2900,
-26.7650, -2.0083

Harmonies

Analogous

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



80.3770, 51.5791, -70.4906



98.7130, 35.6375, 2.8827



97.1720, 19.6352, 48.9612

Triad

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



98.7130, 35.6375, 2.8827



92.2380, -41.0363, 48.9033



80.1930, 10.2579, -70.3293

Complementary

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



98.7130, 35.6375, 2.8827



155.2870, -35.6375, -2.8827

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.



73.1880, -8.9667, -64.1859



98.7130, 35.6375, 2.8827



90.7260, -44.7279, 19.5343

Square

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



98.7130, 35.6375, 2.8827



91.8640, -20.1460, 68.5253



84.6400, -37.7835, -14.5933



84.5080, 29.3296, -74.1135

Rectangle

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



98.7130, 35.6375, 2.8827



93.1930, 7.7929, 67.3597



84.6400, -37.7835, -14.5933



77.7820, 3.5585, -68.2148

Sweetspot

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



98.7130, 35.6375, 2.8827



194.8550, 13.3825, 1.0042



134.1220, 18.1809, -44.8340



95.4760, 8.1463, 0.4595



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



98.7130, 35.6375, 2.8827



108.7020, 55.8559, 4.6463



111.5700, 29.2990, 29.3181



79.6240, 3.6364, 0.3298



26.6680, 60.8027, 4.6762



4.1170, 9.3093, 0.7744

Inverse Universe

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



117.1780, 17.1672, 47.2019



137.5740, 26.8320, 74.0416



142.4300, -29.2990, -29.3181



81.4890, 1.7309, 4.8331



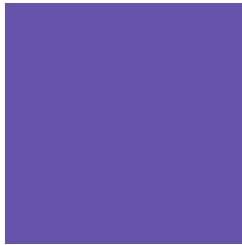
58.3020, 29.4311, 80.4191



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 98.7130, 35.6375, 2.8827 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 98.7130, 35.6375, 2.8827 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 98.7130, 35.6375, 2.8827

Background



This preview shows how black text looks on a background with the YUV color 98.7130, 35.6375, 2.8827.



This preview shows how white text looks on a background with the YUV color 98.7130, 35.6375,

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

98.7130, 35.6375, 2.8827

Protanopia

90.8760, 44.9241, -35.8483

Deuteranopia

89.2360, 38.8307, -41.4260



Tritanopia

96.3240, 5.2633, -8.1771

Trichromacy



Original Color

98.7130, 35.6375, 2.8827

Protanomaly

93.7530, 41.5338, -21.7084

Deuteranomaly

92.9930, 37.4715, -25.4269

Tritanomaly

96.9190, 16.3089, -4.3140

Monochromacy



Original Color

98.7130, 35.6375, 2.8827

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.7410, 12.9457, 1.1041

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.7130, 35.6375, 2.8827 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(102, 83, 171)` looks like.

```
.text, #text, p{  
    color:rgb(102, 83, 171)  
}
```

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(102, 83, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 83, 171) }
```

Border

The CSS property to change the border of an element to YUV 98.7130, 35.6375, 2.8827 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(102, 83, 171) }
```


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

```
.border{ border-color:rgb(102, 83, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 83, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 83, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 83, 171); box-shadow:4px 4px 4px 4px rgb(102, 83, 171) }
```

Background

The CSS property to change the background color of an element to YUV 98.7130, 35.6375, 2.8827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 83, 171) }
```

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

```
.background{ background-color: rgb(102, 83,  
171) }
```

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