

Converting Colors

YUV(97.6850, 17.9033, -2.3547)

Have a look what the booklet for
YUV(97.6850, 17.9033, -2.3547)
contains.

YUV(97.6850, 17.9033, -2.3547)	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(97.6850, 17.9033,
-2.3547)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5C86
RGB	95, 92, 134
RGB Percent	37%, 36%, 53%
CMY	0.6275, 0.6392, 0.4745
CMYK	0.29, 0.31, 0.00, 0.47
HSL	244°, 19%, 44%
HSV	244°, 31%, 53%
XYZ	12.8495, 11.8084, 24.1563
YIQ	97.6850, -11.6940, 13.6980

Conversions

Conversions Part 2

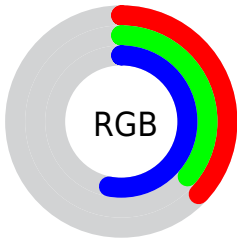
Format	Color
R_{YB}	95, 92, 134
Decimal	6249606
CIE _{Lab}	40.91, 11.32, -22.95
CIE _{LCh}	41, 25.592, 296.242
Yxy	11.8084, 0.2632, 0.2419
Android (android.graphics.Color)	4284439686 (0xFF5F5C86)
YUV	97.6850, 17.9033, -2.3547
Hunter-Lab	34.3634, 6.6108, -17.6244

Details

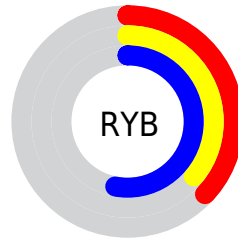
The YUV color **97.6850, 17.9033, -2.3547** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **128.3150, -17.9033, 2.3547**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3260, 19.0663, -2.0399**, and **50.6310, 16.4509, -3.1844** is the 20% darker color. If you saturate the color by 10%, you get **86.4660, 23.4343, -3.0397**, and if you desaturate by 10%, it is **108.9040, 12.3723, -1.6698**.

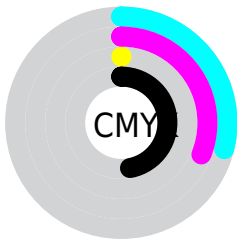
Distribution



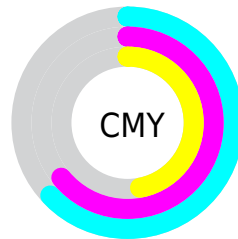
- Red (37%)
- Green (36%)
- Blue (53%)



- Red (37%)
- Yellow (36%)
- Blue (53%)



- Cyan (29%)
- Magenta (31%)
- Yellow (0%)
- Black (47%)



- Cyan (63%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6850, 17.9033, -2.3547 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 97.6850, 17.9033, -2.3547 by changing the saturation by 10% instead.

■ 97.6850, 17.9033,
-2.3547

■ 97.6850, 17.9033,
-2.3547

■ 255.0000, 0.0000,
0.0000

■ 74.1580, 17.1771,
-2.7696

■ 148.3260, 19.0663,
-2.0399

■ 50.6310, 16.4509,
-3.1844

■ 175.4400, 19.5031,
-2.1399

■ 29.3920, 15.5827,
-4.7288

■ 202.9670, 20.2293,
-1.7251

■ 5.3430, 16.5929,
-2.0548

■ 229.0290, 12.8037,
-0.0254

■ 2.4110, 6.6994,
-2.1144

■ 253.2390, 0.8682,
1.5444

■ 0.0000, 0.0000,
0.0000

■ 97.6850, 17.9033,
-2.3547

■ 97.6850, 17.9033,
-2.3547

■ 86.4660, 23.4343,
-3.0397

■ 108.9040, 12.3723,
-1.6698

■ 74.3610, 29.4020,
-3.8246

■ 121.0090, 6.4046,
-0.8849

■ 63.1420, 34.9330,
-4.5095

■ 132.2280, 0.8736,
-0.2000

■ 51.0370, 40.9008,
-5.2944

■ 144.3330, -5.0942,
0.5850

■ 39.8180, 46.4317,
-5.9794

■ 155.5520,
-10.6251, 1.2699

■ 28.3000, 52.1101,
-7.2791

■ 167.0700,
-16.3035, 2.5696

■ 18.2660, 57.0569,
-7.2493

■ 178.8760,
-22.1239, 2.7397

■ 190.3940,

-27.8022, 4.0395

■ 202.2000,
-33.6226, 4.2096

Harmonies

Analogous

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



92.0840, 22.6366, -27.2607



97.6850, 17.9033, -2.3547



99.4550, 10.1287, 18.0180

Triad

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



97.6850, 17.9033, -2.3547



96.7080, -17.1110, 28.3201



84.7730, 4.0559, -41.0199

Complementary

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



97.6850, 17.9033, -2.3547



128.3150, -17.9033, 2.3547

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.



89.8760, -8.8129, -20.0623



97.6850, 17.9033, -2.3547



95.1210, -20.2727, 15.6799

Square

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



97.6850, 17.9033, -2.3547



97.5160, -9.1284, 34.6275



93.1080, -17.3082, -1.8487



76.1040, 18.6827, -65.8662

Rectangle

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



97.6850, 17.9033, -2.3547



98.9140, 3.9864, 28.1394



93.1080, -17.3082, -1.8487



86.9650, -0.4757, -34.1723

Sweetspot

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



97.6850, 17.9033, -2.3547



160.0090, 6.4046, -0.8849



119.6810, 7.0593, -24.2762



78.4390, 4.2206, -0.3850



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.



97.6850, 17.9033, -2.3547



116.6060, 27.8022, -4.0395



103.9640, 14.8077, 10.5556



60.6840, 2.6208, -0.5999



17.5110, 55.4571, -7.4641



0.3420, 1.3104, -0.2999

Inverse Universe

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



109.0040, 10.8440, 21.9215



134.3890, 17.0632, 33.8618



122.0360, -14.8077, -10.5556



62.4780, 1.7363, 3.0888



52.6640, 33.6896, 67.8237



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 97.6850, 17.9033, -2.3547 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 97.6850, 17.9033, -2.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

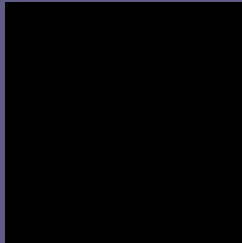
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.6850, 17.9033, -2.3547

Background



This preview shows how black text looks on a background with the YUV color 97.6850, 17.9033, -2.3547.



This preview shows how white text looks on a background with the YUV color 97.6850, 17.9033,

-2.3547.

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

97.6850, 17.9033, -2.3547

Protanopia

96.3850, 19.5302, -10.8616

Deuteranopia

96.0430, 18.2198, -10.5617



Tritanopia

96.1070, 4.3842, -6.2328

Trichromacy



Original Color

97.6850, 17.9033, -2.3547

Protanomaly

96.8800, 18.7932, -7.7878

Deuteranomaly

96.6520, 17.9196, -7.5878

Tritanomaly

96.7850, 9.4730, -5.0734

Monochromacy



Original Color

97.6850, 17.9033, -2.3547

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0090, 6.4046, -0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6850, 17.9033, -2.3547 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(95, 92, 134)` looks like.

```
.text, #text, p{  
    color:rgb(95, 92, 134)  
}
```

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(95, 92, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 92, 134) }
```

Border

The CSS property to change the border of an element to YUV 97.6850, 17.9033, -2.3547 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(95, 92, 134) }
```


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

```
.border{ border-color:rgb(95, 92, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 92, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 92, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 92, 134);  
box-shadow:4px 4px 4px 4px rgb(95, 92,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 97.6850, 17.9033, -2.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 92, 134) }
```

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

```
.background{ background-color: rgb(95, 92,  
134) }
```

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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