

Converting Colors

YUV(73.8860, -33.9608,
19.3940)

Have a look what the booklet for
YUV(73.8860, -33.9608, 19.3940)
contains.

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Color

**YUV(73.8860, -33.9608,
19.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	604C05
RGB	96, 76, 5
RGB Percent	38%, 30%, 2%
CMY	0.6235, 0.7020, 0.9804
CMYK	0.00, 0.21, 0.95, 0.62
HSL	47°, 90%, 20%
HSV	47°, 95%, 38%
XYZ	7.4357, 7.6666, 1.2315
YIQ	73.8860, 34.7110, -17.8410

Conversions

Conversions Part 2

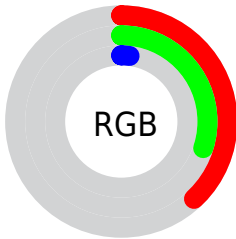
Format	Color
R_{YB}	31, 96, 5
Decimal	6310917
CIE Lab	33.28, 1.44, 40.07
CIE LCh	33, 40.095, 87.947
Yxy	7.6666, 0.4552, 0.4694
Android (android.graphics.Color)	4284500997 (0xFF604C05)
YUV	73.8860, -33.9608, 19.3940
Hunter-Lab	27.6887, -0.5196, 16.7451

Details

The YUV color **73.8860, -33.9608, 19.3940** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **27.1140, 33.9608, -19.3940**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.6090, -33.8242, 22.2679**, and **32.8260, -16.1832, 10.6766** is the 20% darker color. If you saturate the color by 10%, you get **72.7290, -35.8554, 20.4087**, and if you desaturate by 10%, it is **76.2000, -30.1716, 17.3646**.

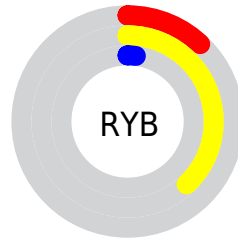
Distribution



Red (38%)

Green (30%)

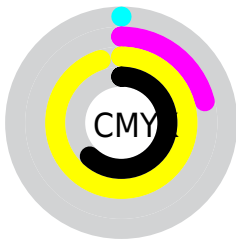
Blue (2%)



Red (12%)

Yellow (38%)

Blue (2%)

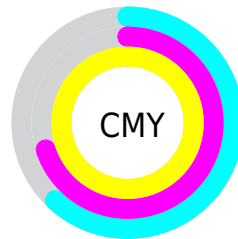


Cyan (0%)

Magenta (21%)

Yellow (95%)

Black (62%)



Cyan (62%)


Magenta (70%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 73.8860, -33.9608, 19.3940 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 73.8860, -33.9608, 19.3940 by changing the saturation by 10% instead.


 73.8860, -33.9608,
19.3940

 73.8860, -33.9608,
19.3940


 253.5180, -5.6784,
1.2997


 52.3400, -25.8036,
16.3648


 124.6090,
-33.8242, 22.2679


 32.8260, -16.1832,
10.6766


 150.5060,
-34.2665, 24.1122

 11.5510, -5.6946,
6.5328

 177.5770,
-35.2875, 24.9270

 0.0000, 0.0000,
0.0000

 205.0610,
-36.0191, 26.2565

 230.4410,
-35.7134, 21.5382

 247.1340,

-30.1391, 6.8985

■ 250.3260,
-17.9087, 4.0991

■ 73.8860, -33.9608,
19.3940

■ 73.8860, -33.9608,
19.3940

■ 72.7290, -35.8554,
20.4087

■ 76.2000, -30.1716,
17.3646

■ 78.4000, -26.8192,
15.4352

■ 80.7140, -23.0300,
13.4058

■ 82.9140, -19.6776,
11.4764

■ 85.8150, -16.1778,
8.9322

■ 88.1290, -12.3886,
6.9029

■ 90.3290, -9.0362,
4.9735

■ 92.6430, -5.2470,
2.9441

■ 94.8430, -1.8946,
1.0147

Harmonies

Analogous

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



76.0700, -26.1635, 38.5266



73.8860, -33.9608, 19.3940



71.0400, -27.6277, -5.2971

Triad

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



73.8860, -33.9608, 19.3940



66.7890, 19.8240, -58.5740



80.3130, 15.6217, 29.5435

Complementary

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



73.8860, -33.9608, 19.3940



27.1140, 33.9608, -19.3940

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.



79.1930, 27.5129, -4.5543



73.8860, -33.9608, 19.3940



67.8780, 31.6121, -59.5290

Square

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



73.8860, -33.9608, 19.3940



63.1410, 5.8465, -55.3747



64.9090, 38.0059, -56.9252



76.7040, 2.6109, 49.3716

Rectangle

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



73.8860, -33.9608, 19.3940



67.3670, -16.9429, -25.7549



64.9090, 38.0059, -56.9252



80.6970, 19.8694, 20.4367

Sweetspot

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



73.8860, -33.9608, 19.3940



116.3140, -12.9728, 7.6176



34.6030, -4.2413, 53.8452



58.5570, -8.1626, 4.7735



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



73.8860, -33.9608, 19.3940



94.3140, -46.4968, 26.9116



78.4500, -36.2108, -5.6566



46.9570, -1.4578, 0.9147



85.1440, -41.9760, 23.5527



181.5290, -89.4938, 51.2791

Inverse Universe

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



27.1140, 33.9608, -19.3940



30.0990, 46.7862, -26.3968



22.5500, 36.2109, 5.6567



45.0430, 1.4578, -0.9147



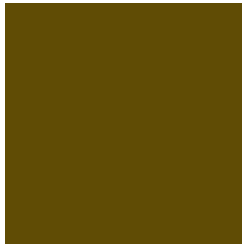
27.4430, 41.6866, -24.0675



58.4710, 89.4938, -51.2791

Previews

White Background



This preview shows how the YUV color 73.8860, -33.9608, 19.3940 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 ✓ Pass

Black Background



This preview shows how the YUV color 73.8860, -33.9608, 19.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

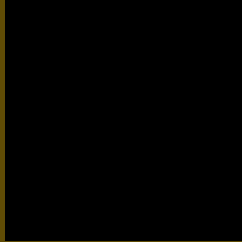
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.8860, -33.9608, 19.3940

Background



This preview shows how black text looks on a background with the YUV color 73.8860, -33.9608, 19.3940.



This preview shows how white text looks on a background with the YUV color 73.8860, -33.9608,

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

73.8860, -33.9608, 19.3940

Protanopia

73.7820, -32.9235, 13.3462

Deuteranopia

74.5380, -32.8032, 21.4532



Tritanopia

80.2410, -2.0908, 17.3286

Trichromacy



Original Color

73.8860, -33.9608, 19.3940

Protanomaly

73.9780, -33.5132, 15.8053

Deuteranomaly

74.1250, -33.0926, 20.9384

Tritanomaly

78.1520, -13.8789, 18.2837

Monochromacy



Original Color

73.8860, -33.9608, 19.3940

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.1290, -12.3886, 6.9029

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8860, -33.9608, 19.3940 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(96, 76, 5)` looks like.

```
.text, #text, p{  
    color:rgb(96, 76, 5)  
}
```

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(96, 76, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 76, 5) }
```

Border

The CSS property to change the border of an element to YUV 73.8860, -33.9608, 19.3940 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(96, 76, 5) }
```


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

```
.border{ border-color:rgb(96, 76, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 76, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 76, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(96, 76, 5); box-shadow:4px  
4px 4px 4px rgb(96, 76, 5) }
```

Background

The CSS property to change the background color of an element to YUV 73.8860, -33.9608, 19.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 76, 5) }
```

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

```
.background{ background-color: rgb(96, 76,  
5) }
```

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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