

Converting Colors

YUV(73.3530, 61.4510,
-63.4536)

Have a look what the booklet for
YUV(73.3530, 61.4510, -63.4536)
contains.

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Color

**YUV(73.3530, 61.4510,
-63.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	0156C6
RGB	1, 86, 198
RGB Percent	0%, 34%, 78%
CMY	0.9961, 0.6627, 0.2235
CMYK	0.99, 0.57, 0.00, 0.22
HSL	214°, 99%, 39%
HSV	214°, 99%, 78%
XYZ	13.5333, 10.7392, 54.7857
YIQ	73.3530, -86.6120, 16.8120

Conversions

Conversions Part 2

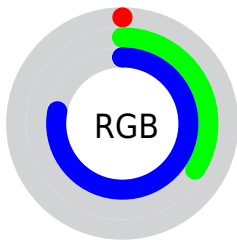
Format	Color
R_{YB}	1, 60, 198
Decimal	87750
CIE _{Lab}	39.14, 23.43, -64.01
CIE _{LCh}	39, 68.162, 290.104
Yxy	10.7392, 0.1712, 0.1358
Android (android.graphics.Color)	4278277830 (0xFF0156C6)
YUV	73.3530, 61.4510, -63.4536
Hunter-Lab	32.7708, 16.3662, -76.1805

Details

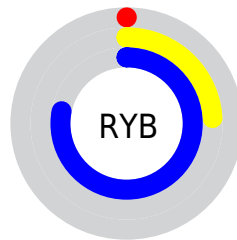
The YUV color **73.3530, 61.4510, -63.4536** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **125.6470, -61.4510, 63.4536**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6170, 57.8698, -34.7441**, and **41.5430, 50.0183, -36.4332** is the 20% darker color. If you saturate the color by 10%, you get **72.4670, 61.8878, -63.5536**, and if you desaturate by 10%, it is **85.7900, 55.3195, -56.8208**.

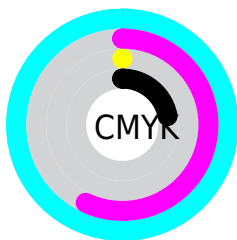
Distribution



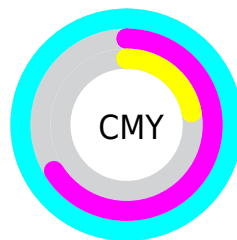
- Red (0%)
- Green (34%)
- Blue (78%)



- Red (0%)
- Yellow (24%)
- Blue (78%)



- Cyan (99%)
- Magenta (57%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (66%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3530, 61.4510, -63.4536 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 73.3530, 61.4510, -63.4536 by changing the saturation by 10% instead.

■ 73.3530, 61.4510,
-63.4536

■ 73.3530, 61.4510,
-63.4536

■ 255.0000, 0.0000,
0.0000

■ 56.3610, 56.0240,
-49.4286

■ 137.6170, 57.8698,
-34.7441

■ 41.5430, 50.0183,
-36.4332

■ 162.4470, 45.6286,
-28.4560

■ 27.4260, 44.1600,
-24.0526

■ 187.5650, 33.2455,
-23.2975

■ 10.3740, 39.7486,
-9.0980

■ 212.3840, 21.0097,
-18.7538

■ 11.7470, 27.2397,
-10.3021

■ 238.6760, 8.0477,
-14.6249

■ 6.7770, 18.3509,
-5.9434

■ 254.1030, 0.4422,

■ 3.0950, 9.3202,

-1.8443

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 73.3530, 61.4510,
-63.4536

■ 73.3530, 61.4510,
-63.4536

■ 72.4670, 61.8878,
-63.5536

■ 85.7900, 55.3195,
-56.8208

■ 98.8140, 48.8987,
-50.7029

■ 110.9520, 42.9147,
-44.6849

■ 123.3890, 36.7832,
-38.0522

■ 135.8260, 30.6518,
-31.4194

■ 148.8500, 24.2310,
-25.3014

■ 161.2870, 18.0995,
-18.6687

■ 173.4250, 12.1155,
-12.6507

■ 185.8620, 5.9840,
-6.0180

Harmonies

Analogous

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



84.7770, 58.2839, -74.3494



73.3530, 61.4510, -63.4536



91.6560, 35.6656, 40.6437

Triad

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



73.3530, 61.4510, -63.4536



81.6200, -40.2387, 73.1243



75.0120, -1.9779, -65.7855

Complementary

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



73.3530, 61.4510, -63.4536



125.6470, -61.4510, 63.4536

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.



64.6840, -31.3962, -56.7279



73.3530, 61.4510, -63.4536



86.9930, -42.8875, 35.9631

Square

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



73.3530, 61.4510, -63.4536



64.2750, -3.0936, 105.8758



82.6090, -40.7262, -4.0421



82.2110, 23.0670, -72.0990

Rectangle

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



73.3530, 61.4510, -63.4536



79.2650, 25.5054, 79.5746



82.6090, -40.7262, -4.0421



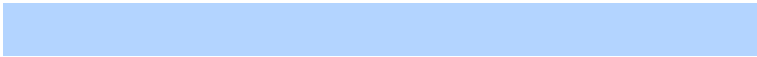
72.1450, -10.4245, -63.2712

Sweetspot

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



73.3530, 61.4510, -63.4536



207.0350, 23.6467, -24.5867



129.4070, -8.0887, -112.6129



98.3970, 14.5943, -14.3802



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



73.3530, 61.4510, -63.4536



93.6400, 79.5505, -82.1223



27.3450, 84.1329, -11.7036



93.3740, 2.7736, -2.9590



59.6720, 50.9407, -52.3323



12.9090, 11.3839, -11.3212

Inverse Universe

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



69.5930, 8.0887, 112.6129



88.7850, 10.4590, 145.7706



171.6550, -84.1329, 11.7036



93.1470, 0.4205, 5.1331



56.7170, 6.5485, 93.2102



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 73.3530, 61.4510, -63.4536 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 73.3530, 61.4510, -63.4536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

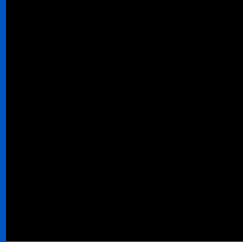
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.3530, 61.4510, -63.4536

Background



This preview shows how black text looks on a background with the YUV color 73.3530, 61.4510, -63.4536.



This preview shows how white text looks on a background with the YUV color 73.3530, 61.4510,

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

73.3530, 61.4510, -63.4536

Protanopia

73.6750, 56.3622, -64.6130

Deuteranopia

73.6460, 43.5585, -64.5875



Tritanopia

72.1860, 17.6563, -63.3071

Trichromacy



Original Color

73.3530, 61.4510, -63.4536

Protanomaly

73.5440, 58.3988, -64.4981

Deuteranomaly

73.3670, 50.1051, -64.3429

Tritanomaly

72.4260, 33.8070, -63.5176

Monochromacy



Original Color

73.3530, 61.4510, -63.4536

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.2910, 22.0415, -23.0572

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3530, 61.4510, -63.4536 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(1, 86, 198)` looks like.

```
.text, #text, p{  
    color:rgb(1, 86, 198)  
}
```

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(1, 86, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 86, 198) }
```

Border

The CSS property to change the border of an element to YUV 73.3530, 61.4510, -63.4536 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(1, 86, 198) }
```


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

```
.border{ border-color:rgb(1, 86, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 86, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 86, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 86, 198);  
box-shadow:4px 4px 4px 4px rgb(1, 86, 198)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.3530, 61.4510, -63.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 86, 198) }
```

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

```
.background{ background-color: rgb(1, 86,  
198) }
```

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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