

Converting Colors

YUV(113.5490, 60.8613,
-60.9945)

Have a look what the booklet for
YUV(113.5490, 60.8613, -60.9945)
contains.

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Color

**YUV(113.5490, 60.8613,
-60.9945)**

Conversions

Conversions Part 1

Format	Color
Hex	2C7DED
RGB	44, 125, 237
RGB Percent	17%, 49%, 93%
CMY	0.8275, 0.5098, 0.0706
CMYK	0.81, 0.47, 0.00, 0.07
HSL	215°, 84%, 55%
HSV	215°, 81%, 93%
XYZ	23.6584, 21.3171, 82.9884
YIQ	113.5490, -84.2280, 17.6600

Conversions

Conversions Part 2

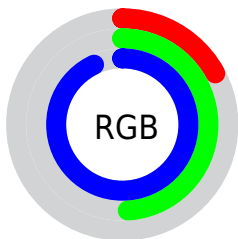
Format	Color
R_{YB}	44, 101, 237
Decimal	2915821
CIE Lab	53.29, 15.84, -63.22
CIE LCh	53, 65.170, 284.065
Yxy	21.3171, 0.1849, 0.1666
Android (android.graphics.Color)	4281105901 (0xFF2C7DED)
YUV	113.5490, 60.8613, -60.9945
Hunter-Lab	46.1705, 10.6675, -74.2506

Details

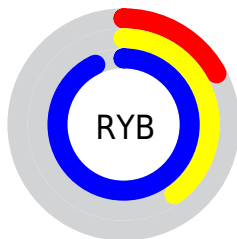
The YUV color **113.5490, 60.8613, -60.9945** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **167.4510, -60.8613, 60.9945**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8490, 42.4724, -42.8406**, and **65.7190, 56.3405, -57.6356** is the 20% darker color. If you saturate the color by 10%, you get **98.1550, 68.4506, -68.5419**, and if you desaturate by 10%, it is **128.9430, 53.2721, -53.4470**.

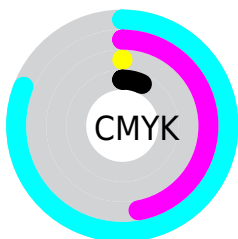
Distribution



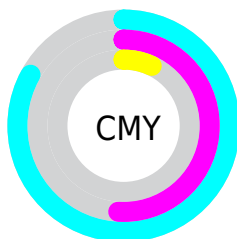
- Red (17%)
- Green (49%)
- Blue (93%)



- Red (17%)
- Yellow (40%)
- Blue (93%)



- Cyan (81%)
- Magenta (47%)
- Yellow (0%)
- Black (7%)



- Cyan (83%)
- Magenta (51%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.5490, 60.8613, -60.9945 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 113.5490, 60.8613, -60.9945 by changing the saturation by 10% instead.

■ 113.5490, 60.8613,
-60.9945

■ 113.5490, 60.8613,
-60.9945

255.0000, 0.0000,
0.0000

■ 82.9990, 61.6255,
-72.7901

■ 168.8490, 42.4724,
-42.8406

■ 65.7190, 56.3405,
-57.6356

■ 194.2660, 29.9419,
-37.0673

■ 49.7270, 50.9136,
-43.6106

■ 220.2700, 17.1219,
-31.8088

■ 35.4960, 44.6185,
-31.1300

■ 243.0400, 5.8963,
-24.5911

■ 20.3190, 39.7757,
-17.8198

■ 252.3090, 1.3267,
-5.5330

■ 13.9470, 30.5921,
-12.2315

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 113.5490, 60.8613,
-60.9945

■ 113.5490, 60.8613,
-60.9945

■ 98.1550, 68.4506,
-68.5419

■ 128.9430, 53.2721,
-53.4470

■ 85.1310, 74.8714,
-74.6599

■ 144.0380, 45.8303,
-46.5143

■ 158.8450, 38.5304,
-38.4521

■ 174.2390, 30.9412,
-30.9046

■ 189.6330, 23.3519,
-23.3571

■ 204.7280, 15.9101,
-16.4245

■ 219.5350, 8.6102,
-8.3622

■ 234.9290, 1.0210,
-0.8147

■ 249.4260, -6.1260,
4.8884

Harmonies

Analogous

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



110.2580, 61.9908, -96.6963



113.5490, 60.8613, -60.9945



130.3770, 38.7611, 27.7334

Triad

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



113.5490, 60.8613, -60.9945



120.8580, -34.4400, 79.9315



99.3530, -2.6390, -87.1326

Complementary

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



113.5490, 60.8613, -60.9945



167.4510, -60.8613, 60.9945

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.



107.5720, -34.7920, -40.8436



113.5490, 60.8613, -60.9945



119.8410, -59.0816, 50.1284

Square

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



113.5490, 60.8613, -60.9945



118.9440, -7.8604, 94.7651



116.6420, -57.5045, 10.8380



107.2530, 22.5533, -94.0609

Rectangle

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



113.5490, 60.8613, -60.9945



127.5250, 24.3912, 63.5606



116.6420, -57.5045, 10.8380



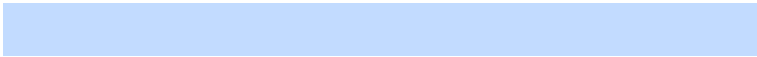
96.0130, -10.3594, -84.2034

Sweetspot

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



113.5490, 60.8613, -60.9945



215.6290, 19.4099, -18.9686



169.7170, -8.2415, -110.2538



104.0230, 11.8207, -11.4212



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.



113.5490, 60.8613, -60.9945



95.1350, 78.8134, -79.0484



69.8890, 82.3857, -11.3037



109.6020, 3.6472, -3.1590



65.2460, 57.0667, -57.2207



19.0700, 17.2205, -16.7244

Inverse Universe

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



110.9410, 6.9311, 110.5537



91.7200, 9.0120, 143.1966



211.1110, -82.3857, 11.3037



109.7450, 0.1257, 6.3626



62.7830, 6.5160, 103.6763



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 113.5490, 60.8613, -60.9945 looks on a white 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

Black Background



This preview shows how the YUV color 113.5490, 60.8613, -60.9945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

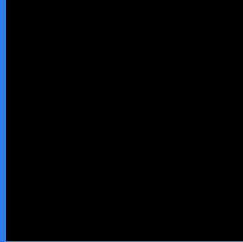
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

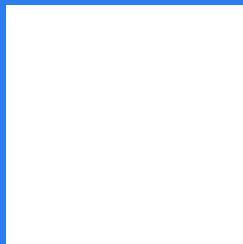
Any Text WCAG AAA × Fail

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

YUV 113.5490, 60.8613, -60.9945 Background



This preview shows how black text looks on a background with the YUV color 113.5490, 60.8613, -60.9945.



This preview shows how white text looks on a background with the YUV color 113.5490, 60.8613, -60.9945.

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

113.5490, 60.8613, -60.9945

Protanopia

119.3230, 57.0288, -45.0103

Deuteranopia

101.6010, 61.8217, -89.1041



Tritanopia

99.2800, 25.0050, -87.0686

Trichromacy



Original Color

113.5490, 60.8613, -60.9945

Protanomaly

117.3330, 58.5028, -51.1580

Deuteranomaly

106.2540, 61.4998, -79.1528

Tritanomaly

104.7770, 38.0709, -77.8574

Monochromacy



Original Color

113.5490, 60.8613, -60.9945

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0030, 22.1835, -21.9276

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5490, 60.8613, -60.9945 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(44, 125, 237)` looks like.

```
.text, #text, p{  
    color:rgb(44, 125, 237)  
}
```

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(44, 125, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 125, 237) }
```

Border

The CSS property to change the border of an element to YUV 113.5490, 60.8613, -60.9945 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(44, 125, 237) }
```


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

```
.border{ border-color:rgb(44, 125, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 125, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 125, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 125, 237);  
box-shadow:4px 4px 4px 4px rgb(44, 125,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 113.5490, 60.8613, -60.9945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 125, 237) }
```

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

```
.background{ background-color: rgb(44, 125,  
237) }
```

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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