

Converting Colors

YUV(81.7510, 57.8038,
-60.2946)

Have a look what the booklet for
YUV(81.7510, 57.8038, -60.2946)
contains.

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Color

**YUV(81.7510, 57.8038,
-60.2946)**

Conversions

Conversions Part 1

Format	Color
Hex	0D5EC7
RGB	13, 94, 199
RGB Percent	5%, 37%, 78%
CMY	0.9490, 0.6314, 0.2196
CMYK	0.93, 0.53, 0.00, 0.22
HSL	214°, 88%, 42%
HSV	214°, 93%, 78%
XYZ	14.4775, 12.2145, 55.6274
YIQ	81.7510, -81.9810, 15.4830

Conversions

Conversions Part 2

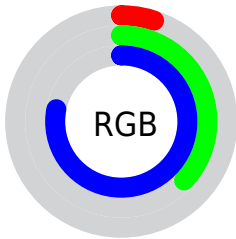
Format	Color
RYB	13, 69, 199
Decimal	876231
CIELab	41.56, 18.94, -60.65
CIELCh	42, 63.542, 287.346
Yxy	12.2145, 0.1759, 0.1484
Android (android.graphics.Color)	4279066311 (0xFF0D5EC7)
YUV	81.7510, 57.8038, -60.2946
Hunter-Lab	34.9492, 12.7812, -69.9052

Details

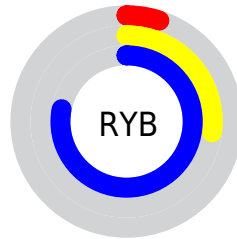
The YUV color **81.7510, 57.8038, -60.2946** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **130.2490, -57.8038, 60.2946**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4980, 54.9705, -38.1477**, and **45.1790, 48.7188, -39.6220** is the 20% darker color. If you saturate the color by 10%, you get **73.7550, 61.7458, -64.6831**, and if you desaturate by 10%, it is **94.1880, 51.6723, -53.6619**.

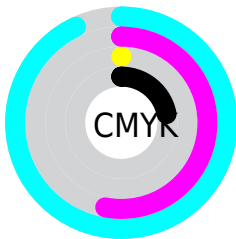
Distribution



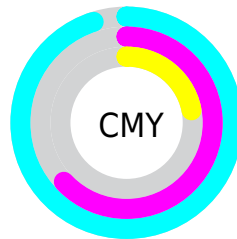
- Red (5%)
- Green (37%)
- Blue (78%)



- Red (5%)
- Yellow (27%)
- Blue (78%)



- Cyan (93%)
- Magenta (53%)
- Yellow (0%)
- Black (22%)



- Cyan (95%)
- Magenta (63%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7510, 57.8038, -60.2946 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 81.7510, 57.8038, -60.2946 by changing the saturation by 10% instead.

■ 81.7510, 57.8038,
-60.2946

■ 81.7510, 57.8038,
-60.2946

255.0000, 0.0000,
0.0000

■ 61.1710, 54.1457,
-53.6470

■ 143.4980, 54.9705,
-38.1477

■ 45.1790, 48.7188,
-39.6220

■ 168.3280, 42.7293,
-31.8597

■ 31.0620, 42.8604,
-27.2414

■ 193.1470, 30.4935,
-27.3159

■ 13.4230, 38.7385,
-11.7720

■ 218.8520, 17.8210,
-22.6722

■ 11.8610, 27.6765,
-10.4021

■ 244.2580, 5.2958,
-18.6433

■ 6.8910, 18.7877,
-6.0434

254.7010, 0.1474,

■ 3.2090, 9.7570,

-0.6148

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 81.7510, 57.8038,
-60.2946

■ 81.7510, 57.8038,
-60.2946

■ 73.7550, 61.7458,
-64.6831

■ 94.1880, 51.6723,
-53.6619

■ 106.6250, 45.5409,
-47.0291

■ 119.6490, 39.1200,
-40.9112

■ 132.0860, 32.9886,
-34.2784

■ 144.5230, 26.8572,
-27.6457

■ 156.6610, 20.8731,
-21.6277

■ 169.6850, 14.4523,
-15.5097

■ 182.1220, 8.3209,
-8.8770

■ 194.5590, 2.1894,
-2.2442

Harmonies

Analogous

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



88.0710, 55.6740, -77.2383



81.7510, 57.8038, -60.2946



99.3730, 34.8191, 32.1219

Triad

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



81.7510, 57.8038, -60.2946



89.9880, -34.9971, 71.9245



78.1750, -2.5513, -68.5595

Complementary

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



81.7510, 57.8038, -60.2946



130.2490, -57.8038, 60.2946

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.



70.1830, -28.1912, -58.0425



81.7510, 57.8038, -60.2946



92.6190, -45.6612, 38.9221

Square

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



81.7510, 57.8038, -60.2946



83.5630, -6.6866, 91.5912



88.8440, -43.8001, 1.8908



85.6190, 20.8938, -75.0879

Rectangle

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



81.7510, 57.8038, -60.2946



93.3790, 22.4912, 66.3196



88.8440, -43.8001, 1.8908



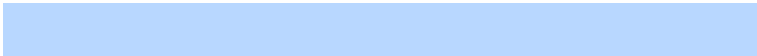
75.5360, -10.1242, -66.2451

Sweetspot

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



81.7510, 57.8038, -60.2946



210.2910, 22.0415, -23.0572



133.8100, -9.2733, -105.9504



100.1690, 13.7207, -14.1802



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.



81.7510, 57.8038, -60.2946



94.2270, 79.2611, -82.6371



36.8950, 79.9178, -13.0629



93.3740, 2.7736, -2.9590



60.2590, 50.6513, -52.8471



13.4960, 11.0945, -11.8360

Inverse Universe

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



77.8480, 7.9629, 106.2503



88.8990, 10.8958, 145.6706



175.1050, -79.9178, 13.0629



93.1470, 0.4205, 5.1331



56.8310, 6.9853, 93.1102



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 81.7510, 57.8038, -60.2946 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 81.7510, 57.8038, -60.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

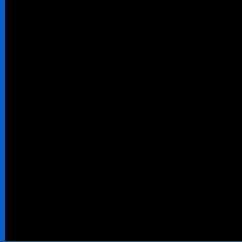
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.7510, 57.8038, -60.2946

Background



This preview shows how black text looks on a background with the YUV color 81.7510, 57.8038, -60.2946.



This preview shows how white text looks on a background with the YUV color 81.7510, 57.8038,

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

81.7510, 57.8038, -60.2946

Protanopia

82.3490, 57.5089, -59.0651

Deuteranopia

78.4220, 46.6270, -68.7761



Tritanopia

77.0930, 18.6882, -67.6106

Trichromacy



Original Color

81.7510, 57.8038, -60.2946

Protanomaly

82.0500, 57.6564, -59.6798

Deuteranomaly

79.7690, 50.3999, -65.5724

Tritanomaly

79.1870, 32.9388, -65.0620

Monochromacy



Original Color

81.7510, 57.8038, -60.2946

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7750, 21.3099, -21.7277

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7510, 57.8038, -60.2946 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(13, 94, 199)` looks like.

```
.text, #text, p{  
    color:rgb(13, 94, 199)  
}
```

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(13, 94, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 94, 199) }
```

Border

The CSS property to change the border of an element to YUV 81.7510, 57.8038, -60.2946 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(13, 94, 199) }
```


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

```
.border{ border-color:rgb(13, 94, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 94, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 94, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 94, 199);  
box-shadow:4px 4px 4px 4px rgb(13, 94,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 81.7510, 57.8038, -60.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 94, 199) }
```

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

```
.background{ background-color: rgb(13, 94,  
199) }
```

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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