

Converting Colors

YUV(81.8000, 60.2446,
-49.8136)

Have a look what the booklet for
YUV(81.8000, 60.2446, -49.8136)
contains.

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Color

**YUV(81.8000, 60.2446,
-49.8136)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1957CC |
| RGB | 25, 87, 204 |
| RGB Percent | 10%, 34%, 80% |
| CMY | 0.9020, 0.6588, 0.2000 |
| CMYK | 0.88, 0.57, 0.00, 0.20 |
| HSL | 219°, 78%, 45% |
| HSV | 219°, 88%, 80% |
| XYZ | 14.7082, 11.3827, 58.5486 |
| YIQ | 81.8000, -74.5090, 23.2430 |

Conversions

Conversions Part 2

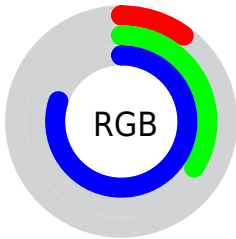
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 25, 71, 204 |
| Decimal | 1660876 |
| CIE _{Lab} | 40.22, 26.12, -65.71 |
| CIE _{LCh} | 40, 70.710, 291.679 |
| Yxy | 11.3827, 0.1738, 0.1345 |
| Android (android.graphics.Color) | 4279850956 (0xFF1957CC) |
| YUV | 81.8000, 60.2446, -49.8136 |
| Hunter-Lab | 33.7383, 18.7751, -79.2738 |

Details

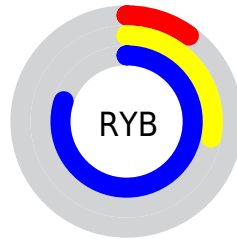
The YUV color **81.8000, 60.2446, -49.8136** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **147.2000, -60.2446, 49.8136**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5960, 56.4012, -30.3407**, and **42.2270, 52.6391, -37.0331** is the 20% darker color. If you saturate the color by 10%, you get **68.1890, 66.9548, -55.4168**, and if you desaturate by 10%, it is **95.4110, 53.5344, -44.2104**.

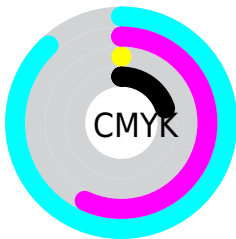
Distribution



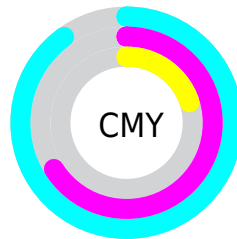
- Red (10%)
- Green (34%)
- Blue (80%)



- Red (10%)
- Yellow (28%)
- Blue (80%)



- Cyan (88%)
- Magenta (57%)
- Yellow (0%)
- Black (20%)



- Cyan (90%)
- Magenta (66%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.8000, 60.2446, -49.8136 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 81.8000, 60.2446, -49.8136 by changing the saturation by 10% instead.

■ 81.8000, 60.2446,
-49.8136

■ 81.8000, 60.2446,
-49.8136

■ 255.0000, 0.0000,
0.0000

■ 57.6320, 58.3554,
-50.5433

■ 140.5960, 56.4012,
-30.3407

■ 42.2270, 52.6391,
-37.0331

■ 165.1270, 44.3074,
-24.6674

■ 28.5830, 46.0546,
-25.0673

■ 190.2450, 31.9242,
-19.5089

■ 11.0580, 42.3694,
-9.6979

■ 215.6510, 19.3991,
-15.4799

■ 12.9040, 29.1343,
-11.3168

■ 241.3560, 6.7265,
-10.8362

■ 7.8200, 19.8087,
-6.8581

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 81.8000, 60.2446,
-49.8136

■ 81.8000, 60.2446,
-49.8136

■ 68.1890, 66.9548,
-55.4168

■ 95.4110, 53.5344,
-44.2104

■ 64.9330, 68.5600,
-56.9462

■ 109.9080, 46.3874,
-38.5073

■ 123.5190, 39.6771,
-32.9042

■ 137.4290, 32.8195,
-26.6862

■ 151.6270, 25.8199,
-21.5979

■ 165.2380, 19.1097,
-15.9947

■ 179.1480, 12.2520,
-9.7768

■ 193.3460, 5.2524,
-4.6884

■ 207.2560, -1.6052,
1.5295

Harmonies

Analogous

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



86.8630, 61.1995, -76.1789



81.8000, 60.2446, -49.8136



93.3300, 36.8123, 46.1916

Triad

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



81.8000, 60.2446, -49.8136



83.9900, -41.4071, 74.5538



77.3430, -0.6621, -67.8298

Complementary

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



81.8000, 60.2446, -49.8136



147.2000, -60.2446, 49.8136

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.



66.6730, -31.3908, -58.4722



81.8000, 60.2446, -49.8136



89.9390, -44.3399, 35.1335

Square

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



81.8000, 60.2446, -49.8136



64.1940, -3.5466, 111.2089



83.7720, -41.2996, -6.8160



85.3570, 24.9670, -74.8581

Rectangle

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



81.8000, 60.2446, -49.8136



76.8900, 27.6622, 87.7965



83.7720, -41.2996, -6.8160



74.4760, -9.1087, -65.3155

Sweetspot

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



81.8000, 60.2446, -49.8136



210.0250, 22.1727, -18.4389



143.2970, -1.1324, -103.7465



100.7780, 13.4204, -11.2063



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.



81.8000, 60.2446, -49.8136



80.7260, 85.9171, -70.7967



53.4790, 74.2069, -1.2971



94.9010, 3.4998, -2.5442



52.3830, 56.0132, -45.9399



11.9630, 12.8362, -10.4916

Inverse Universe

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



85.5890, 0.6956, 103.8464



86.2770, 0.8494, 147.9701



175.5210, -74.2069, 1.2971



95.3320, -0.1637, 5.8478



56.1320, 0.4279, 96.3542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 81.8000, 60.2446, -49.8136 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 81.8000, 60.2446, -49.8136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

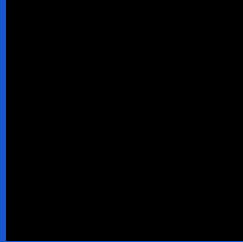
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.8000, 60.2446, -49.8136

Background



This preview shows how black text looks on a background with the YUV color 81.8000, 60.2446, -49.8136.



This preview shows how white text looks on a background with the YUV color 81.8000, 60.2446,

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

81.8000, 60.2446, -49.8136

Protanopia

75.4190, 57.9674, -66.1425

Deuteranopia

75.8630, 44.4375, -66.5319



Tritanopia

74.2890, 18.0985, -65.1515

Trichromacy



Original Color

81.8000, 60.2446, -49.8136

Protanomaly

77.9790, 58.6774, -60.4946

Deuteranomaly

77.8020, 50.3836, -60.3394

Tritanomaly

76.7470, 33.6487, -59.4141

Monochromacy



Original Color

81.8000, 60.2446, -49.8136

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9110, 21.7359, -18.3389

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.8000, 60.2446, -49.8136 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(25, 87, 204)` looks like.

```
.text, #text, p{  
    color:rgb(25, 87, 204)  
}
```

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(25, 87, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 87, 204) }
```

Border

The CSS property to change the border of an element to YUV 81.8000, 60.2446, -49.8136 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(25, 87, 204) }
```


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

```
.border{ border-color:rgb(25, 87, 204) }
```

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

Here you see how a box with a 4 pixel rgb(25, 87, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 87, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 87, 204);  
box-shadow:4px 4px 4px 4px rgb(25, 87,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 81.8000, 60.2446, -49.8136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 87, 204) }
```

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

```
.background{ background-color: rgb(25, 87,  
204) }
```

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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