

Converting Colors

YUV(83.6410, 64.7600,
-51.4282)

Have a look what the booklet for
YUV(83.6410, 64.7600, -51.4282)
contains.

YUV(83.6410, 64.7600, -51.4282)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(83.6410, 64.7600,
-51.4282)**

Conversions

Conversions Part 1

Format	Color
Hex	1958D7
RGB	25, 88, 215
RGB Percent	10%, 35%, 84%
CMY	0.9020, 0.6549, 0.1569
CMYK	0.88, 0.59, 0.00, 0.16
HSL	220°, 79%, 47%
HSV	220°, 88%, 84%
XYZ	16.1564, 12.0924, 65.7725
YIQ	83.6410, -78.3150, 26.1410

Conversions

Conversions Part 2

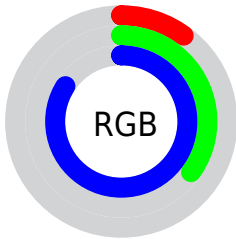
Format	Color
R _Y B	25, 72, 215
Decimal	1661143
CIE Lab	41.36, 29.72, -70.17
CIE LCh	41, 76.201, 292.957
Yxy	12.0924, 0.1718, 0.1286
Android (android.graphics.Color)	4279851223 (0xFF1958D7)
YUV	83.6410, 64.7600, -51.4282
Hunter-Lab	34.7742, 22.0779, -87.8004

Details

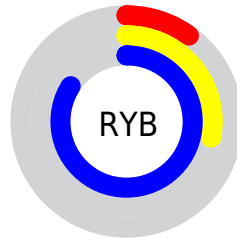
The YUV color **83.6410, 64.7600, -51.4282** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **156.3590, -64.7600, 51.4282**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0800, 55.6696, -29.0112**, and **43.9540, 56.7177, -38.5477** is the 20% darker color. If you saturate the color by 10%, you get **69.1440, 71.9070, -57.1313**, and if you desaturate by 10%, it is **98.1380, 57.6130, -45.7250**.

Distribution



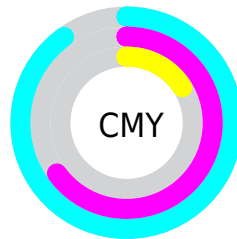
- Red (10%)
- Green (35%)
- Blue (84%)



- Red (10%)
- Yellow (28%)
- Blue (84%)



- Cyan (88%)
- Magenta (59%)
- Yellow (0%)
- Black (16%)



- Cyan (90%)
- Magenta (65%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6410, 64.7600, -51.4282 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 83.6410, 64.7600, -51.4282 by changing the saturation by 10% instead.

■ 83.6410, 64.7600,
-51.4282

■ 83.6410, 64.7600,
-51.4282

■ 255.0000, 0.0000,
0.0000

■ 59.4730, 62.8708,
-52.1578

■ 142.0800, 55.6696,
-29.0112

■ 43.9540, 56.7177,
-38.5477

■ 166.9100, 43.4284,
-22.7231

■ 30.3100, 50.1332,
-26.5819

■ 192.0280, 31.0452,
-17.5646

■ 12.0840, 46.3006,
-10.5977

■ 217.7330, 18.3726,
-12.9208

■ 15.6910, 32.1973,
-13.7610

■ 243.4380, 5.7001,
-8.2771

■ 9.4330, 23.4505,
-8.2727

■ 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 83.6410, 64.7600,
-51.4282

■ 83.6410, 64.7600,
-51.4282

■ 69.1440, 71.9070,
-57.1313

■ 98.1380, 57.6130,
-45.7250

■ 66.1870, 73.3648,
-58.0460

■ 113.5210, 50.0291,
-39.9219

■ 128.3170, 42.7347,
-33.6040

■ 142.8140, 35.5877,
-27.9009

■ 158.1970, 28.0039,
-22.0978

■ 172.6940, 20.8569,
-16.3946

■ 188.0770, 13.2730,
-10.5915

■ 202.5740, 6.1260,
-4.8884

■ 217.3700, -1.1684,
1.4295

Harmonies

Analogous

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



90.6930, 65.7204, -79.5378



83.6410, 64.7600, -51.4282



93.7700, 39.5534, 53.6987

Triad

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



83.6410, 64.7600, -51.4282



85.7840, -42.2915, 78.2424



80.7340, -0.3619, -70.8037

Complementary

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



83.6410, 64.7600, -51.4282



156.3590, -64.7600, 51.4282

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.



69.2660, -34.1481, -60.7463



83.6410, 64.7600, -51.4282



92.2980, -45.5029, 34.8187

Square

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



83.6410, 64.7600, -51.4282



65.9560, -5.8943, 117.5566



85.2230, -42.0149, -10.7196



88.7310, 27.7406, -77.8171

Rectangle

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



83.6410, 64.7600, -51.4282



71.7160, 31.6920, 101.9811



85.2230, -42.0149, -10.7196



77.6390, -9.6820, -68.0894

Sweetspot

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



83.6410, 64.7600, -51.4282



207.3670, 23.4831, -18.7389



151.0080, 0.4891, -110.5090



99.3050, 14.1466, -10.7915



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.



83.6410, 64.7600, -51.4282



78.9650, 86.7853, -69.2523



56.2280, 78.2746, 0.6770



99.6020, 3.6472, -3.1590



52.9530, 58.1972, -46.4398



13.1200, 14.7308, -11.5062

Inverse Universe

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



88.9920, -0.4891, 110.5090



85.9350, -0.4610, 148.2700



183.7720, -78.2746, -0.6770



99.7450, 0.1257, 6.3626



57.6270, -0.3091, 99.4281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 83.6410, 64.7600, -51.4282 looks on a white background.

Color Contrast Check

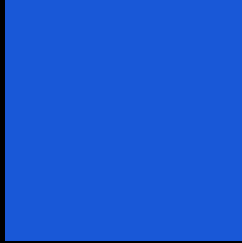
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.6410, 64.7600, -51.4282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

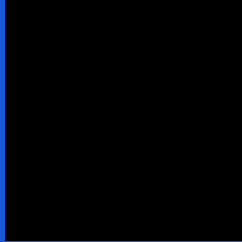
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.6410, 64.7600, -51.4282

Background



This preview shows how black text looks on a background with the YUV color 83.6410, 64.7600, -51.4282.



This preview shows how white text looks on a background with the YUV color 83.6410, 64.7600,

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

83.6410, 64.7600, -51.4282

Protanopia

77.1630, 59.5726, -67.6720

Deuteranopia

78.0800, 45.3166, -68.4762



Tritanopia

76.3920, 18.5407, -66.9958

Trichromacy



Original Color

83.6410, 64.7600, -51.4282

Protanomaly

79.3640, 61.4455, -61.7092

Deuteranomaly

80.2470, 52.1362, -62.4836

Tritanomaly

79.1920, 35.4013, -61.5584

Monochromacy



Original Color

83.6410, 64.7600, -51.4282

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7800, 23.7725, -18.2241

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6410, 64.7600, -51.4282 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, 88, 215)` looks like.

```
.text, #text, p{  
    color:rgb(25, 88, 215)  
}
```

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, 88, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 88, 215) }
```

Border

The CSS property to change the border of an element to YUV 83.6410, 64.7600, -51.4282 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, 88, 215) }
```


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

```
.border{ border-color:rgb(25, 88, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 88, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 88, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 88, 215);  
box-shadow:4px 4px 4px 4px rgb(25, 88,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 83.6410, 64.7600, -51.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 88, 215) }
```

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

```
.background{ background-color: rgb(25, 88,  
215) }
```

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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