

Converting Colors

YUV(81.4170, 64.3774,
-68.7717)

Have a look what the booklet for
YUV(81.4170, 64.3774, -68.7717)
contains.

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Color

**YUV(81.4170, 64.3774,
-68.7717)**

Conversions

Conversions Part 1

Format	Color
Hex	0360D4
RGB	3, 96, 212
RGB Percent	1%, 38%, 83%
CMY	0.9882, 0.6235, 0.1686
CMYK	0.99, 0.55, 0.00, 0.17
HSL	213°, 97%, 42%
HSV	213°, 99%, 83%
XYZ	16.1041, 13.1386, 63.9746
YIQ	81.4170, -92.6640, 16.3600

Conversions

Conversions Part 2

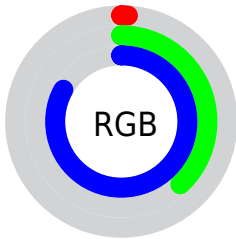
Format	Color
R_{YB}	3, 67, 212
Decimal	221396
CIE _{Lab}	42.97, 22.49, -65.84
CIE _{LCh}	43, 69.572, 288.859
Yxy	13.1386, 0.1728, 0.1409
Android (android.graphics.Color)	4278411476 (0xFF0360D4)
YUV	81.4170, 64.3774, -68.7717
Hunter-Lab	36.2472, 15.8724, -79.2711

Details

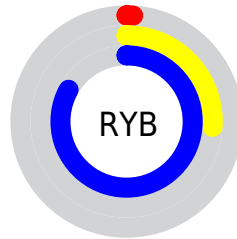
The YUV color **81.4170, 64.3774, -68.7717** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **133.5830, -64.3774, 68.7717**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2700, 54.0969, -37.9478**, and **47.7210, 53.3815, -41.8513** is the 20% darker color. If you saturate the color by 10%, you get **79.3460, 65.3984, -69.5864**, and if you desaturate by 10%, it is **94.7400, 57.8092, -62.0390**.

Distribution



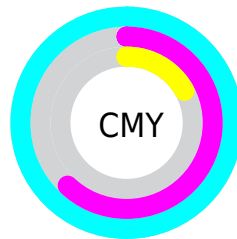
- Red (1%)
- Green (38%)
- Blue (83%)



- Red (1%)
- Yellow (26%)
- Blue (83%)



- Cyan (99%)
- Magenta (55%)
- Yellow (0%)
- Black (17%)



- Cyan (99%)
- Magenta (62%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4170, 64.3774, -68.7717 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 81.4170, 64.3774, -68.7717 by changing the saturation by 10% instead.

81.4170, 64.3774,
-68.7717

81.4170, 64.3774,
-68.7717

255.0000, 0.0000,
0.0000

63.8270, 59.2453,
-55.9763

145.2700, 54.0969,
-37.9478

47.7210, 53.3815,
-41.8513

170.1000, 41.8557,
-31.6597

33.6040, 47.5232,
-29.4707

195.5170, 29.3251,
-25.8864

18.3130, 42.2437,
-16.0605

221.2220, 16.6526,
-21.2427

14.8760, 31.6131,
-13.0463

246.6280, 4.1274,
-17.2138

9.2050, 22.5769,
-8.0728

4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 81.4170, 64.3774,
-68.7717

■ 81.4170, 64.3774,
-68.7717

■ 79.3460, 65.3984,
-69.5864

■ 94.7400, 57.8092,
-62.0390

■ 108.0630, 51.2409,
-55.3063

■ 121.0980, 44.8147,
-47.4439

■ 134.4210, 38.2464,
-40.7112

■ 147.7440, 31.6782,
-33.9785

■ 161.0670, 25.1100,
-27.2458

■ 173.8030, 18.8311,
-19.9982

■ 187.4250, 12.1155,
-12.6507

■ 200.7480, 5.5472,
-5.9180

Harmonies

Analogous

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



92.1290, 61.0684, -80.7971



81.4170, 64.3774, -68.7717



102.4000, 37.2708, 39.1142

Triad

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



81.4170, 64.3774, -68.7717



90.8980, -41.8547, 78.1425



81.5660, -2.2510, -71.5334

Complementary

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



81.4170, 64.3774, -68.7717



133.5830, -64.3774, 68.7717

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.



71.1240, -32.1061, -62.3757



81.4170, 64.3774, -68.7717



95.5760, -47.1190, 39.8368

Square

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



81.4170, 64.3774, -68.7717



80.1670, -5.9983, 104.2165



91.4800, -45.0996, -1.2980



89.5800, 23.3781, -78.5617

Rectangle

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



81.4170, 64.3774, -68.7717



92.2540, 25.5108, 77.8302



91.4800, -45.0996, -1.2980



78.6990, -10.6976, -69.0190

Sweetspot

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



81.4170, 64.3774, -68.7717



207.6220, 23.3574, -25.1015



138.7930, -10.2509, -119.0905



98.9840, 14.3049, -14.8950



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.



81.4170, 64.3774, -68.7717



95.4010, 78.6823, -83.6667



29.8160, 89.8167, -14.7476



100.1890, 3.3578, -3.6738



64.1060, 52.6987, -56.2210



16.0550, 13.2839, -14.0802

Inverse Universe

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



76.0930, 9.8142, 119.1904



89.1270, 11.7694, 145.4706



185.1840, -89.8167, 14.7476



99.8590, 0.5625, 6.2627



59.7930, 7.9901, 97.5285



15.0230, 1.9607, 24.5358

Previews

White Background



This preview shows how the YUV color 81.4170, 64.3774, -68.7717 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 81.4170, 64.3774, -68.7717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

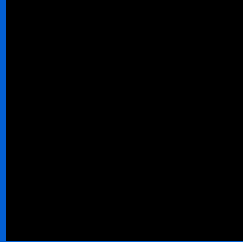
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.4170, 64.3774, -68.7717

Background



This preview shows how black text looks on a background with the YUV color 81.4170, 64.3774, -68.7717.



This preview shows how white text looks on a background with the YUV color 81.4170, 64.3774, -68.7717.

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

81.4170, 64.3774, -68.7717

Protanopia

80.5370, 62.3463, -70.6309

Deuteranopia

81.3400, 47.6534, -71.3352



Tritanopia

79.3100, 19.5672, -69.5549

Trichromacy



Original Color

81.4170, 64.3774, -68.7717

Protanomaly

81.0640, 63.0724, -70.2161

Deuteranomaly

81.2460, 53.6157, -70.3757

Tritanomaly

79.9630, 36.0072, -69.2506

Monochromacy



Original Color

81.4170, 64.3774, -68.7717

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0350, 23.6467, -24.5867

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4170, 64.3774, -68.7717 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(3, 96, 212)` looks like.

```
.text, #text, p{  
    color:rgb(3, 96, 212)  
}
```

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(3, 96, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 96, 212) }
```

Border

The CSS property to change the border of an element to YUV 81.4170, 64.3774, -68.7717 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(3, 96, 212) }
```


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

```
.border{ border-color:rgb(3, 96, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 96, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 96, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 96, 212);  
box-shadow:4px 4px 4px 4px rgb(3, 96, 212)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.4170, 64.3774, -68.7717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 96, 212) }
```

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

```
.background{ background-color: rgb(3, 96,  
212) }
```

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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