

Converting Colors

YUV(64.3470, 64.4119, 13.7277)

Have a look what the booklet for
YUV(64.3470, 64.4119, 13.7277)
contains.

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Color

**YUV(64.3470, 64.4119,
13.7277)**

Conversions

Conversions Part 1

Format	Color
Hex	501FC3
RGB	80, 31, 195
RGB Percent	31%, 12%, 76%
CMY	0.6863, 0.8784, 0.2353
CMYK	0.59, 0.84, 0.00, 0.24
HSL	258°, 73%, 44%
HSV	258°, 84%, 76%
XYZ	13.6486, 6.6256, 52.1893
YIQ	64.3470, -23.4400, 61.3920

Conversions

Conversions Part 2

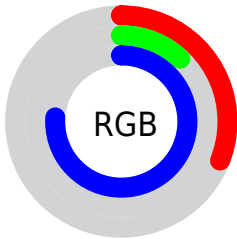
Format	Color
R_{YB}	80, 31, 195
Decimal	5251011
CIE _{Lab}	30.94, 59.51, -75.59
CIE _{LCh}	31, 96.204, 308.211
Yxy	6.6256, 0.1884, 0.0914
Android (android.graphics.Color)	4283441091 (0xFF501FC3)
YUV	64.3470, 64.4119, 13.7277
Hunter-Lab	25.7402, 49.6032, -102.1947

Details

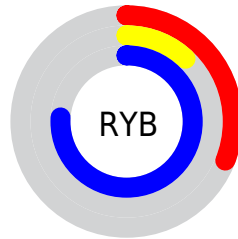
The YUV color **64.3470, 64.4119, 13.7277** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **161.6530, -64.4119, -13.7277**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6080, 65.2693, 18.7608**, and **15.9600, 61.1517, -13.9969** is the 20% darker color. If you saturate the color by 10%, you get **49.0080, 71.9741, 14.9020**, and if you desaturate by 10%, it is **79.6860, 56.8498, 12.5534**.

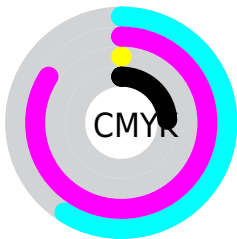
Distribution



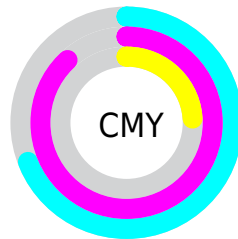
- Red (31%)
- Green (12%)
- Blue (76%)



- Red (31%)
- Yellow (12%)
- Blue (76%)



- Cyan (59%)
- Magenta (84%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (88%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.3470, 64.4119, 13.7277 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 64.3470, 64.4119, 13.7277 by changing the saturation by 10% instead.

64.3470, 64.4119,
13.7277

64.3470, 64.4119,
13.7277

255.0000, 0.0000,
0.0000

32.1940, 66.4594,
10.3539

120.6080, 65.2693,
18.7608

15.9600, 61.1517,
-13.9969

145.6550, 53.9071,
23.1046

12.8820, 49.3582,
-11.2975

169.8870, 41.9607,
28.1631

10.0320, 38.4382,
-8.7981

195.5920, 29.2881,
32.8068

10.7040, 25.7819,
-9.3874

218.6060, 17.9422,
31.9175


6.3210, 16.6037,
-5.5435


235.0420, 9.8393,


2.6390, 7.5730,


17.5032


-2.3144


 252.0650, 1.4470,
2.5740


 0.0000, 0.0000,
0.0000


 64.3470, 64.4119,
13.7277


 64.3470, 64.4119,
13.7277


 49.0080, 71.9741,
14.9020


 79.6860, 56.8498,
12.5534

 39.5720, 76.6260,
16.1614

 95.3130, 49.1457,
10.2495

 111.2390, 41.2942,
8.5604

 126.5780, 33.7320,
7.3861

 142.2050, 26.0279,
5.0822

■ 157.5440, 18.4658,
3.9079

■ 173.4700, 10.6143,
2.2188

■ 188.5100, 3.1996,
0.4297

■ 204.4360, -4.6519,
-1.2594

Harmonies

Analogous

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



72.9520, 76.4387, -63.9789



64.3470, 64.4119, 13.7277



65.7640, 32.1613, 91.4150

Triad

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



64.3470, 64.4119, 13.7277



65.2960, -32.1909, 58.4994



67.5410, 12.5513, -59.2335

Complementary

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



64.3470, 64.4119, 13.7277



161.6530, -64.4119, -13.7277

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.



55.8790, -27.0553, -49.0059



64.3470, 64.4119, 13.7277



66.4280, -32.7490, 4.0096

Square

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



64.3470, 64.4119, 13.7277



52.3250, -25.7962, 107.5860



52.8300, -26.0452, -46.3319



77.1510, 44.2956, -67.6614

Rectangle

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



64.3470, 64.4119, 13.7277



66.0440, 7.3733, 108.7094



52.8300, -26.0452, -46.3319



63.8760, 1.0471, -56.0193

Sweetspot

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



64.3470, 64.4119, 13.7277



201.8630, 24.7175, 5.3821



118.9620, 37.4867, -77.1427



97.0340, 15.2662, 3.4782



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.



64.3470, 64.4119, 13.7277



51.1530, 99.0176, 20.9138



87.9680, 52.7668, 62.2951



89.0370, 3.9258, 0.8446



32.7060, 63.2489, 13.4128



6.7520, 12.9403, 2.8485

Inverse Universe

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



93.1460, 26.0570, 89.3260



95.5260, 40.1667, 137.2277



138.0320, -52.7668, -62.2951



90.7880, 1.5835, 5.4479



61.0210, 25.6256, 87.6816



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 64.3470, 64.4119, 13.7277 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 ✓ Pass

Black Background



This preview shows how the YUV color 64.3470, 64.4119, 13.7277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

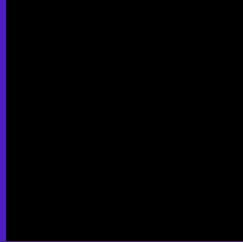
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.3470, 64.4119, 13.7277

Background



This preview shows how black text looks on a background with the YUV color 64.3470, 64.4119, 13.7277.



This preview shows how white text looks on a background with the YUV color 64.3470, 64.4119,

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

64.3470, 64.4119, 13.7277

Protanopia

58.6630, 44.5361, -51.4475

Deuteranopia

58.5030, 33.7690, -51.3071



Tritanopia

66.3320, 9.6963, -30.1092

Trichromacy



Original Color

64.3470, 64.4119, 13.7277

Protanomaly

60.4670, 52.0278, -27.5966

Deuteranomaly

60.6320, 45.0444, -27.7413

Tritanomaly

65.4090, 29.8714, -14.3907

Monochromacy



Original Color

64.3470, 64.4119, 13.7277

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2220, 23.5546, 5.0673

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.3470, 64.4119, 13.7277 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(80, 31, 195)` looks like.

```
.text, #text, p{  
    color:rgb(80, 31, 195)  
}
```

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(80, 31, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 31, 195) }
```

Border

The CSS property to change the border of an element to YUV 64.3470, 64.4119, 13.7277 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(80, 31, 195) }
```


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

```
.border{ border-color:rgb(80, 31, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 31, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 31, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 31, 195);  
box-shadow:4px 4px 4px 4px rgb(80, 31,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 64.3470, 64.4119, 13.7277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 31, 195) }
```

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

```
.background{ background-color: rgb(80, 31,  
195) }
```

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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