

Converting Colors

YUV(143.5820, 48.0271,
42.4626)

Have a look what the booklet for
YUV(143.5820, 48.0271, 42.4626)
contains.

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Color

**YUV(143.5820, 48.0271,
42.4626)**

Conversions

Conversions Part 1

Format	Color
Hex	C064F1
RGB	192, 100, 241
RGB Percent	75%, 39%, 95%
CMY	0.2471, 0.6078, 0.0549
CMYK	0.20, 0.59, 0.00, 0.05
HSL	279°, 83%, 67%
HSV	279°, 59%, 95%
XYZ	42.1726, 26.6717, 86.1445
YIQ	143.5820, 9.5710, 63.3550

Conversions

Conversions Part 2

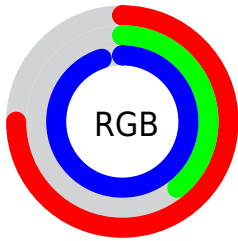
Format	Color
R _Y B	192, 100, 241
Decimal	12608753
CIE Lab	58.67, 59.51, -56.24
CIE LCh	59, 81.878, 316.619
Yxy	26.6717, 0.2721, 0.1721
Android (android.graphics.Color)	4290798833 (0xFFC064F1)
YUV	143.5820, 48.0271, 42.4626
Hunter-Lab	51.6446, 55.3835, -62.7459

Details

The YUV color $143.5820, 48.0271, 42.4626$ is a light color, and the websafe version is hex $CC66FF$. A complement of this color would be $197.4180, -48.0271, -42.4626$, and the grayscale version is $143.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $195.1040, 29.5287, 49.0208$, and $87.7560, 47.4483, 41.4330$ is the 20% darker color. If you saturate the color by 10%, you get $127.1020, 56.1517, 49.8995$, and if you desaturate by 10%, it is $160.0620, 39.9024, 35.0256$.

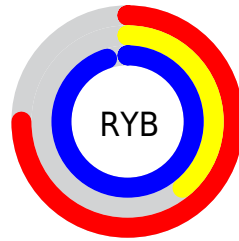
Distribution



Red (75%)

Green (39%)

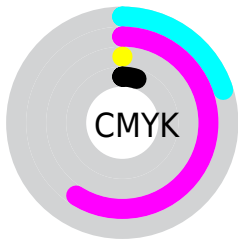
Blue (95%)



Red (75%)

Yellow (39%)

Blue (95%)

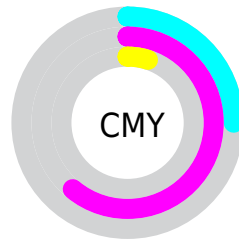


Cyan (20%)

Magenta (59%)

Yellow (0%)

Black (5%)



Cyan (25%)


Magenta (61%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 143.5820, 48.0271, 42.4626 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 143.5820, 48.0271, 42.4626 by changing the saturation by 10% instead.


 143.5820, 48.0271,
42.4626


 143.5820, 48.0271,
42.4626


255.0000, 0.0000,
0.0000


 115.7560, 47.4483,
41.4330


 195.1040, 29.5287,
49.0208


 87.7560, 47.4483,
41.4330


 212.7360, 20.8362,
37.0655


 54.5870, 50.4896,
45.9662

 229.1720, 12.7332,
22.6512

 38.4410, 45.1386,
35.5702

 246.1950, 4.3409,
7.7220

 26.8060, 38.0566,
20.3411

 15.8830, 31.1167,
6.2416

 6.2700, 24.0239,

-5.4988

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 143.5820, 48.0271,
42.4626

■ 143.5820, 48.0271,
42.4626

■ 127.1020, 56.1517,
49.8995

■ 160.0620, 39.9024,
35.0256

■ 110.3230, 64.4238,
56.7217

■ 176.8410, 31.6304,
28.2034

■ 93.8430, 72.5484,
64.1587

■ 193.3210, 23.5057,
20.7665

■ 77.0640, 80.8204,
70.9809

■ 210.1000, 15.2337,
13.9443

74.4170, 82.1254,
72.4253

226.5800, 7.1091,
6.5073

243.6470, -1.3050,
-1.4444

252.2080, -5.5255,
-1.0594

253.4040, -6.1152,
1.3997

Harmonies

Analogous

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



109.5000, 71.7315, -94.2775



143.5820, 48.0271, 42.4626



129.1590, 23.0926, 106.8546

Triad

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



143.5820, 48.0271, 42.4626



132.8650, -65.5024, 56.2464



121.4840, 28.8484, -106.5415

Complementary

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



143.5820, 48.0271, 42.4626



197.4180, -48.0271, -42.4626

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.



111.7600, -3.3327, -98.0135



143.5820, 48.0271, 42.4626



127.8170, -63.0138, 4.5455

Square

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



143.5820, 48.0271, 42.4626



129.9500, -47.3033, 99.1449



105.9520, -41.3883, -71.8719



127.7200, 57.8190, -112.0104

Rectangle

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



143.5820, 48.0271, 42.4626



117.8390, 5.0094, 120.2902



105.9520, -41.3883, -71.8719



118.7480, 18.3652, -104.1420

Sweetspot

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



143.5820, 48.0271, 42.4626



223.2140, 15.6705, 13.8443



144.8370, 47.4084, -39.3220



107.9870, 9.8664, 8.7814



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.



143.5820, 48.0271, 42.4626



131.9760, 60.6508, 53.5180



155.8390, 31.6314, 74.6862



111.7600, 4.0623, 3.7185



56.8560, 62.6820, 55.3773



17.4470, 19.0066, 17.1480

Inverse Universe

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



147.7450, 0.6187, 81.7846



137.2900, 0.8430, 103.2317



185.1610, -31.6314, -74.6862



112.0440, -0.0217, 6.9774



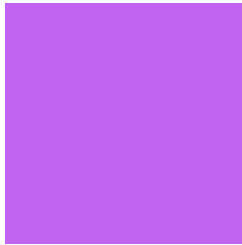
62.3120, 0.8322, 106.7204



18.9100, 0.0444, 32.5279

Previews

White Background



This preview shows how the YUV color 143.5820, 48.0271, 42.4626 looks on a white background.

Color Contrast Check

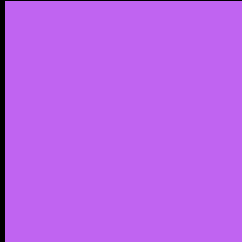
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 143.5820, 48.0271, 42.4626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

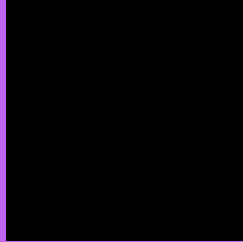
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 143.5820, 48.0271, 42.4626

Background



This preview shows how black text looks on a background with the YUV color 143.5820, 48.0271, 42.4626.



This preview shows how white text looks on a background with the YUV color 143.5820, 48.0271,

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

143.5820, 48.0271, 42.4626

Protanopia

134.8930, 59.2128, -45.5102

Deuteranopia

134.4340, 48.5930, -45.9846



Tritanopia

143.4920, -2.7076, 28.5095

Trichromacy



Original Color

143.5820, 48.0271, 42.4626



Protanomaly

138.0650, 55.1840, -13.2120



Deuteranomaly

137.9310, 48.3480, -13.9715



Tritanomaly

143.6340, 15.4634, 33.6470

Monochromacy



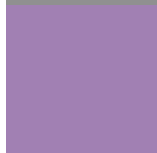
Original Color

143.5820, 48.0271, 42.4626



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

143.6810, 17.4123, 15.1888

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.5820, 48.0271, 42.4626 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(192, 100, 241)` looks like.

```
.text, #text, p{  
    color:rgb(192, 100, 241)  
}
```

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(192, 100, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 100, 241) }
```

Border

The CSS property to change the border of an element to YUV 143.5820, 48.0271, 42.4626 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(192, 100, 241) }
```


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

```
.border{ border-color:rgb(192, 100, 241) }
```

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

Here you see how a box with a 4 pixel rgb(192, 100, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 100, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 100, 241);  
box-shadow:4px 4px 4px 4px rgb(192, 100,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 143.5820, 48.0271, 42.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 100, 241) }
```

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

```
.background{ background-color: rgb(192,  
100, 241) }
```

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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