

Converting Colors

YUV(48.8500, 101.6320,
-24.4245)

Have a look what the booklet for
YUV(48.8500, 101.6320, -24.4245)
contains.

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Color

**YUV(48.8500, 101.6320,
-24.4245)**

Conversions

Conversions Part 1

Format	Color
Hex	1517FF
RGB	21, 23, 255
RGB Percent	8%, 9%, 100%
CMY	0.9176, 0.9098, 0.0000
CMYK	0.92, 0.91, 0.00, 0.00
HSL	239°, 100%, 54%
HSV	239°, 92%, 100%
XYZ	18.6657, 7.9922, 95.1666
YIQ	48.8500, -75.6640, 71.7280

Conversions

Conversions Part 2

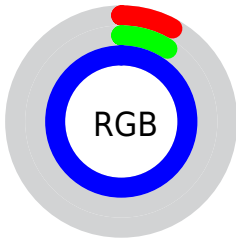
Format	Color
R _Y B	21, 23, 255
Decimal	1382399
CIE Lab	33.97, 75.25, -105.07
CIE LCh	34, 129.242, 305.611
Yxy	7.9922, 0.1532, 0.0656
Android (android.graphics.Color)	4279572479 (0xFF1517FF)
YUV	48.8500, 101.6320, -24.4245
Hunter-Lab	28.2705, 68.3815, -179.7976

Details

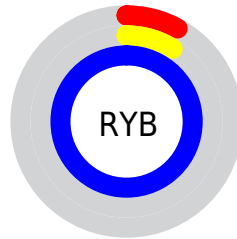
The YUV color **48.8500, 101.6320, -24.4245** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **227.1500, -101.6319, 24.4245**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.6930, 69.6644, 9.0392**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **30.2440, 110.8047, -26.5240**, and if you desaturate by 10%, it is **71.2990, 90.5646, -21.3102**.

Distribution



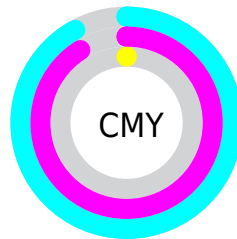
- Red (8%)
- Green (9%)
- Blue (100%)



- Red (8%)
- Yellow (9%)
- Blue (100%)



- Cyan (92%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.8500, 101.6320, -24.4245 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 48.8500, 101.6320, -24.4245 by changing the saturation by 10% instead.

■ 48.8500, 101.6320,
-24.4245

■ 48.8500, 101.6320,
-24.4245

■ 255.0000, 0.0000,
0.0000

■ 25.6500, 98.2796,
-22.4951

■ 113.6930, 69.6644,
9.0392

■ 22.3440, 85.6124,
-19.5957

■ 140.0070, 56.6915,
16.6569

■ 19.1520, 73.3821,
-16.7963

■ 166.0220, 43.8662,
23.6597

■ 15.9600, 61.1517,
-13.9969

■ 192.3250, 30.8988,
29.5330

■ 22.2740, 44.7279,
-19.5343

■ 217.4320, 18.5210,
32.9471

■ 17.0760, 34.9655,
-14.9757

■ 234.4550, 10.1287,

■ 11.2910, 25.4925,

18.0180

-9.9022

251.4780, 1.7363,
3.0888

6.4350, 17.0405,
-5.6435

2.6390, 7.5730,
-2.3144

48.8500, 101.6320,
-24.4245

48.8500, 101.6320,
-24.4245

30.2440, 110.8047,
-26.5240

71.2990, 90.5646,
-21.3102

94.0360, 79.3553,
-19.3256

116.4850, 68.2879,
-16.2113

138.6350, 57.3679,
-13.7119

■ 160.7850, 46.4480,
-11.2124

■ 183.8210, 35.0912,
-8.6130

■ 206.2700, 24.0239,
-5.4988

■ 228.4200, 13.1039,
-2.9993

■ 251.4560, 1.7472,
-0.3999

Harmonies

Analogous

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



86.0090, 83.3126, -75.4299



48.8500, 101.6320, -24.4245



80.1480, 43.3110, 108.6182

Triad

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



48.8500, 101.6320, -24.4245



59.8790, -29.5203, 88.6831



74.5680, 11.5520, -65.3961

Complementary

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



48.8500, 101.6320, -24.4245



227.1500, -101.6319, 24.4245

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.



62.2220, -30.6754, -54.5687



48.8500, 101.6320, -24.4245



73.5270, -36.2488, 6.5538

Square

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



48.8500, 101.6320, -24.4245



64.5840, -31.8399, 132.7918



59.2870, -29.2285, -51.9947



89.3590, 55.5320, -78.3678

Rectangle

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



48.8500, 101.6320, -24.4245



81.3660, 9.1866, 133.8600



59.2870, -29.2285, -51.9947



69.8770, -3.8834, -61.2821

Sweetspot

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



48.8500, 101.6320, -24.4245



192.0940, 31.0127, -7.0984



184.5780, 32.7460, -143.4579



89.6030, 18.9297, -4.9138



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.



48.8500, 101.6320, -24.4245



30.2440, 110.8047, -26.5240



81.4630, 85.5537, 46.0749



116.4820, 5.6784, -1.2997



22.9480, 82.8496, -20.1254



7.8830, 27.6657, -6.9134

Inverse Universe

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



91.1940, -33.6196, 143.6579



76.4730, -36.7152, 156.5682



194.5370, -85.5537, -46.0749



118.8870, -1.9163, 7.9921



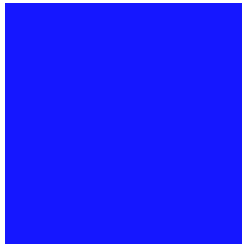
57.3370, -27.2811, 117.2225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 48.8500, 101.6320, -24.4245 looks on a white background.

Color Contrast Check

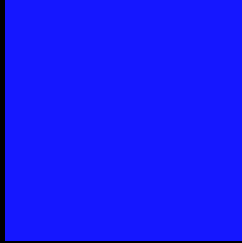
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.8500, 101.6320, -24.4245 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 48.8500, 101.6320, -24.4245

Background



This preview shows how black text looks on a background with the YUV color 48.8500, 101.6320, -24.4245.



This preview shows how white text looks on a background with the YUV color 48.8500, 101.6320, -24.4245.

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

48.8500, 101.6320, -24.4245

Protanopia

63.4390, 47.6046, -55.6360

Deuteranopia

63.6380, 35.6745, -55.8105

Trichromacy



Original Color

48.8500, 101.6320, -24.4245

Protanomaly

58.0810, 67.5011, -43.9210

Deuteranomaly

58.6050, 59.3547, -44.3806

Monochromacy



Original Color

48.8500, 101.6320, -24.4245

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.2770, 36.8384, -9.0129

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8500, 101.6320, -24.4245 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(21, 23, 255)` looks like.

```
.text, #text, p{  
    color:rgb(21, 23, 255)  
}
```

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(21, 23, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 23, 255) }
```

Border

The CSS property to change the border of an element to YUV 48.8500, 101.6320, -24.4245 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(21, 23, 255) }
```

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

```
.border{ border-color:rgb(21, 23, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 23, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 23, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 23, 255);  
box-shadow:4px 4px 4px 4px rgb(21, 23,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 48.8500, 101.6320, -24.4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 23, 255) }
```

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

```
.background{ background-color: rgb(21, 23,  
255) }
```

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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