

Converting Colors

YUV(41.3230, 100.9058,
-24.8393)

Have a look what the booklet for
YUV(41.3230, 100.9058, -24.8393)
contains.

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Color

**YUV(41.3230, 100.9058,
-24.8393)**

Conversions

Conversions Part 1

Format	Color
Hex	0D10F6
RGB	13, 16, 246
RGB Percent	5%, 6%, 96%
CMY	0.9490, 0.9373, 0.0353
CMYK	0.95, 0.93, 0.00, 0.04
HSL	239°, 93%, 51%
HSV	239°, 95%, 96%
XYZ	16.9858, 7.1100, 87.6659
YIQ	41.3230, -75.6180, 70.8940

Conversions

Conversions Part 2

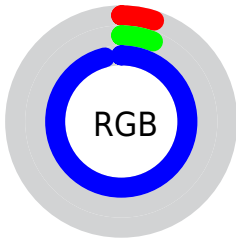
Format	Color
R _Y B	13, 16, 246
Decimal	856310
CIE Lab	32.06, 74.50, -103.21
CIE LCh	32, 127.283, 305.823
Yxy	7.1100, 0.1520, 0.0636
Android (android.graphics.Color)	4279046390 (0xFF0D10F6)
YUV	41.3230, 100.9058, -24.8393
Hunter-Lab	26.6645, 67.0451, -176.2646

Details

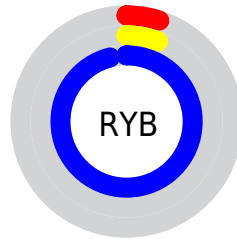
The YUV color **41.3230, 100.9058, -24.8393** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **217.6770, -100.9058, 24.8393**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.5620, 71.7009, 9.1541**, and **21.4320, 82.1180, -18.7959** is the 20% darker color. If you saturate the color by 10%, you get **29.8050, 106.5841, -26.1390**, and if you desaturate by 10%, it is **62.8860, 90.2752, -21.8250**.

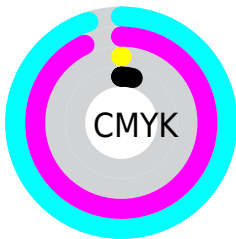
Distribution



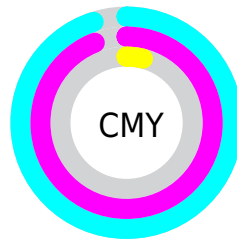
- Red (5%)
- Green (6%)
- Blue (96%)



- Red (5%)
- Yellow (6%)
- Blue (96%)



- Cyan (95%)
- Magenta (93%)
- Yellow (0%)
- Black (4%)



- Cyan (95%)
- Magenta (94%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.3230, 100.9058, -24.8393 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 41.3230, 100.9058, -24.8393 by changing the saturation by 10% instead.

■ 41.3230, 100.9058,
-24.8393

■ 41.3230, 100.9058,
-24.8393

255.0000, 0.0000,
0.0000

■ 24.7380, 94.7852,
-21.6952

■ 109.5620, 71.7009,
9.1541

■ 21.4320, 82.1180,
-18.7959

■ 135.8760, 58.7281,
16.7717

■ 18.2400, 69.8877,
-15.9965

■ 161.8910, 45.9027,
23.7746

■ 15.0480, 57.6573,
-13.1971

■ 188.1940, 32.9354,
29.6479

■ 22.0630, 41.3809,
-19.3493

■ 214.4970, 19.9680,
35.5211

■ 14.9900, 32.0499,
-13.1462


■ 231.5200, 11.5756,


■ 9.3190, 23.0137,


20.5920


-8.1728


 248.5430, 3.1833,
5.6628


 5.0500, 14.2723,
-4.4289


 0.9120, 3.4944,
-0.7998

 41.3230, 100.9058,
-24.8393

 41.3230, 100.9058,
-24.8393

 29.8050, 106.5841,
-26.1390

 62.8860, 90.2752,
-21.8250

 84.7370, 79.5027,
-19.9403

 106.3000, 68.8721,
-16.9261

 127.5640, 58.3889,
-14.5266

■ 149.1270, 47.7584,
-11.5124

■ 171.2770, 36.8384,
-9.0129

■ 192.5410, 26.3553,
-6.6135

■ 214.1040, 15.7247,
-3.5992

■ 235.9550, 4.9522,
-1.7145

Harmonies

Analogous

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



83.0740, 84.7595, -72.8559



41.3230, 100.9058, -24.8393



77.1430, 40.8485, 105.1146

Triad

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



41.3230, 100.9058, -24.8393



54.5520, -26.8941, 86.3389



71.1770, 11.2517, -62.4222

Complementary

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



41.3230, 100.9058, -24.8393



217.6770, -100.9058, 24.8393

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.



58.7000, -28.9391, -51.4799



41.3230, 100.9058, -24.8393



69.3850, -34.2068, 4.9244

Square

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



41.3230, 100.9058, -24.8393



61.8930, -30.5132, 127.2588



56.3520, -27.7815, -49.4207



85.0390, 54.2108, -74.5792

Rectangle

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



41.3230, 100.9058, -24.8393



78.1050, 8.3292, 128.8269



56.3520, -27.7815, -49.4207



66.4860, -4.1836, -58.3082

Sweetspot

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



41.3230, 100.9058, -24.8393



192.6810, 30.7233, -7.6132



175.8770, 32.5986, -142.8431



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.



41.3230, 100.9058, -24.8393



30.8310, 110.5153, -27.0388



73.3490, 85.1169, 46.1749



111.3680, 5.2416, -1.1997



22.3780, 80.6656, -19.6255



7.3130, 25.4817, -6.4135

Inverse Universe

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



83.0090, -33.0354, 142.9431



76.5870, -36.2784, 156.4682



185.6510, -85.1169, -46.1749



113.5880, -1.7689, 7.3773



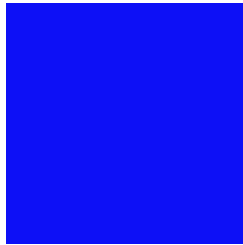
55.8420, -26.5441, 114.1486



17.7550, -8.2602, 36.1719

Previews

White Background



This preview shows how the YUV color 41.3230, 100.9058, -24.8393 looks on a white background.

Color Contrast Check

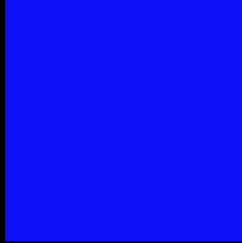
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.3230, 100.9058, -24.8393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

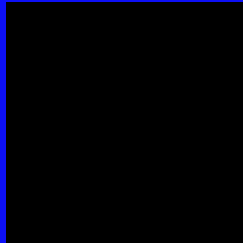
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.3230, 100.9058, -24.8393

Background



This preview shows how black text looks on a background with the YUV color 41.3230, 100.9058, -24.8393.



This preview shows how white text looks on a background with the YUV color 41.3230, 100.9058, -24.8393.

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

41.3230, 100.9058, -24.8393

Protanopia

60.2930, 45.7046, -52.8770

Deuteranopia

60.4920, 33.7744, -53.0515



Tritanopia

59.2260, 13.6926, -51.9412

Trichromacy



Original Color

41.3230, 100.9058, -24.8393

Protanomaly

53.3370, 65.8959, -42.3915

Deuteranomaly

53.3880, 58.4757, -42.4363

Tritanomaly

52.6580, 45.5246, -41.7961

Monochromacy



Original Color

41.3230, 100.9058, -24.8393

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.2770, 36.8384, -9.0129

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.3230, 100.9058, -24.8393 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(13, 16, 246)` looks like.

```
.text, #text, p{  
    color:rgb(13, 16, 246)  
}
```

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(13, 16, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 16, 246) }
```

Border

The CSS property to change the border of an element to YUV 41.3230, 100.9058, -24.8393 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(13, 16, 246) }
```


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

```
.border{ border-color:rgb(13, 16, 246) }
```

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

Here you see how a box with a 4 pixel rgb(13, 16, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 16, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 16, 246);  
box-shadow:4px 4px 4px 4px rgb(13, 16,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 41.3230, 100.9058, -24.8393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 16, 246) }
```

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

```
.background{ background-color: rgb(13, 16,  
246) }
```

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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