

Converting Colors

YUV(83.0830, 84.7551,
-24.6288)

Have a look what the booklet for
YUV(83.0830, 84.7551, -24.6288)
contains.

YUV(83.0830, 84.7551, -24.6288)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(83.0830, 84.7551,
-24.6288)**

Conversions

Conversions Part 1

Format	Color
Hex	3740FF
RGB	55, 64, 255
RGB Percent	22%, 25%, 100%
CMY	0.7843, 0.7490, 0.0000
CMYK	0.78, 0.75, 0.00, 0.00
HSL	237°, 100%, 61%
HSV	237°, 78%, 100%
XYZ	21.4589, 11.6990, 95.7349
YIQ	83.0830, -66.6750, 57.4930

Conversions

Conversions Part 2

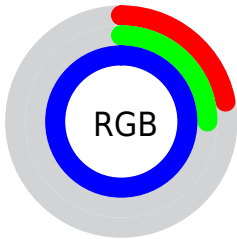
Format	Color
R _Y B	55, 64, 255
Decimal	3621119
CIE Lab	40.73, 59.92, -93.79
CIE LCh	41, 111.290, 302.573
Yxy	11.6990, 0.1665, 0.0908
Android (android.graphics.Color)	4281811199 (0xFF3740FF)
YUV	83.0830, 84.7551, -24.6288
Hunter-Lab	34.2038, 52.1314, -142.0072

Details

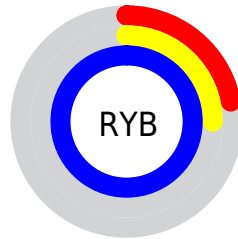
The YUV color **83.0830, 84.7551, -24.6288** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **226.9170, -84.7551, 24.6288**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.0540, 58.6404, -1.8014**, and **31.2630, 81.7083, -27.4177** is the 20% darker color. If you saturate the color by 10%, you get **61.2210, 95.5330, -28.2578**, and if you desaturate by 10%, it is **104.9450, 73.9771, -20.9998**.

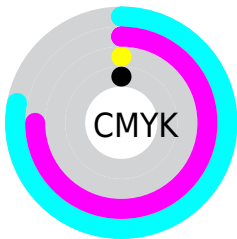
Distribution



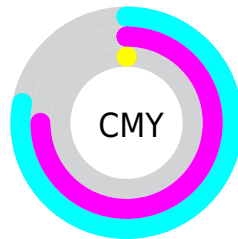
- Red (22%)
- Green (25%)
- Blue (100%)



- Red (22%)
- Yellow (25%)
- Blue (100%)



- Cyan (78%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (75%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.0830, 84.7551, -24.6288 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 83.0830, 84.7551, -24.6288 by changing the saturation by 10% instead.

■ 83.0830, 84.7551,
-24.6288

■ 83.0830, 84.7551,
-24.6288

■ 255.0000, 0.0000,
0.0000

■ 49.2440, 87.1407,
-43.1870

■ 136.0540, 58.6404,
-1.8014

■ 31.2630, 81.7083,
-27.4177

■ 161.4820, 46.1044,
5.7163

■ 19.1520, 73.3821,
-16.7963

■ 186.8990, 33.5738,
11.4896

■ 16.0740, 61.5885,
-14.0969

■ 213.2020, 20.6064,
17.3628

■ 16.5180, 48.0586,
-14.4863

■ 236.2160, 9.2605,
16.4736

■ 17.6630, 34.6761,
-15.4905

■ 253.2390, 0.8682,

■ 11.4050, 25.9293,

1.5444

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 83.0830, 84.7551,
-24.6288

■ 83.0830, 84.7551,
-24.6288

■ 61.2210, 95.5330,
-28.2578

■ 104.9450, 73.9771,
-20.9998

■ 39.0710, 106.4530,
-30.7573

■ 127.0950, 63.0572,
-18.5003

■ 35.5270, 108.2002,
-31.1572

■ 148.9570, 52.2792,
-14.8713

■ 170.5200, 41.6486,
-11.8570

■ 192.6700, 30.7287,
-9.3576

■ 214.5320, 19.9507,
-5.7286

■ 236.3940, 9.1728,
-2.0995

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



93.6400, 79.5505, -82.1223



83.0830, 84.7551, -24.6288



81.1460, 49.7210, 105.9890

Triad

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



83.0830, 84.7551, -24.6288



81.4090, -40.1346, 86.4643



85.5900, 8.0901, -75.0624

Complementary

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



83.0830, 84.7551, -24.6288



226.9170, -84.7551, 24.6288

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.



72.2010, -35.5951, -63.3203



83.0830, 84.7551, -24.6288



89.5410, -44.1437, 18.8195

Square

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



83.0830, 84.7551, -24.6288



67.9870, -33.0246, 139.4544



68.0920, -33.5694, -59.7167



97.2520, 47.6968, -85.2900

Rectangle

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



83.0830, 84.7551, -24.6288



83.9880, 19.2329, 131.5605



68.0920, -33.5694, -59.7167



81.3550, -5.5980, -71.3483

Sweetspot

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



83.0830, 84.7551, -24.6288



202.7150, 25.7765, -7.6431



194.0600, 25.1134, -121.9556



95.8050, 15.8721, -4.2140



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.



83.0830, 84.7551, -24.6288



48.8170, 101.6482, -29.6575



104.7100, 74.0930, 35.3343



116.4820, 5.6784, -1.2997



27.0570, 80.8239, -23.7290



9.0570, 27.0869, -7.9430

Inverse Universe

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



115.8260, -25.5502, 122.0556



88.0140, -30.5729, 146.4467



205.2900, -74.0930, -35.3343



118.8870, -1.9163, 7.9921



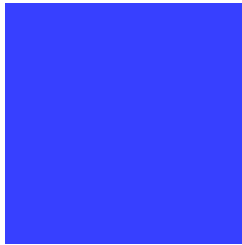
58.1350, -24.2236, 116.5226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 83.0830, 84.7551, -24.6288 looks on a white background.

Color Contrast Check

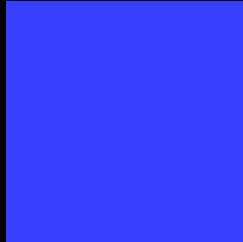
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.0830, 84.7551, -24.6288 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 83.0830, 84.7551, -24.6288

Background



This preview shows how black text looks on a background with the YUV color 83.0830, 84.7551, -24.6288.



This preview shows how white text looks on a background with the YUV color 83.0830, 84.7551,

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

83.0830, 84.7551, -24.6288

Deuteranopia

76.2220, 43.2746, -66.8467

Tritanopia

74.2890, 18.0985, -65.1515

Trichromacy



Original Color

83.0830, 84.7551, -24.6288

Deuteranomaly

78.9200, 58.2134, -51.6728

Tritanomaly

77.3920, 42.2047, -50.3328

Monochromacy



Original Color

83.0830, 84.7551, -24.6288

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0830, 31.0181, -8.8428

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0830, 84.7551, -24.6288 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(55, 64, 255)` looks like.

```
.text, #text, p{  
    color:rgb(55, 64, 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(55, 64, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 64, 255) }
```

Border

The CSS property to change the border of an element to YUV 83.0830, 84.7551, -24.6288 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(55, 64, 255) }
```

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

```
.border{ border-color:rgb(55, 64, 255) }
```

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

Here you see how a box with a 4 pixel rgb(55, 64, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 64, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 64, 255);  
box-shadow:4px 4px 4px 4px rgb(55, 64,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 83.0830, 84.7551, -24.6288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 64, 255) }
```

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

```
.background{ background-color: rgb(55, 64,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor