

Converting Colors

YUV(176.8530, 33.1035,
-24.4271)

Have a look what the booklet for
YUV(176.8530, 33.1035, -24.4271)
contains.

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Color

**YUV(176.8530, 33.1035,
-24.4271)**

Conversions

Conversions Part 1

Format	Color
Hex	95B2F4
RGB	149, 178, 244
RGB Percent	58%, 70%, 96%
CMY	0.4157, 0.3020, 0.0431
CMYK	0.39, 0.27, 0.00, 0.04
HSL	222°, 81%, 77%
HSV	222°, 39%, 96%
XYZ	44.6440, 44.7620, 91.8749
YIQ	176.8530, -38.4700, 14.3780

Conversions

Conversions Part 2

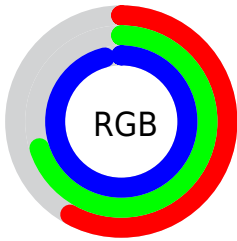
Format	Color
R _Y B	149, 171, 244
Decimal	9810676
CIE Lab	72.73, 6.19, -36.00
CIE LCh	73, 36.528, 279.755
Yxy	44.7620, 0.2463, 0.2469
Android (android.graphics.Color)	4288000756 (0xFF95B2F4)
YUV	176.8530, 33.1035, -24.4271
Hunter-Lab	66.9044, 2.0267, -34.5855

Details

The YUV color **176.8530, 33.1035, -24.4271** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **216.1470, -33.1035, 24.4271**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0220, 13.3002, -19.3133**, and **123.5000, 31.7985, -25.8715** is the 20% darker color. If you saturate the color by 10%, you get **159.6980, 41.5609, -30.4301**, and if you desaturate by 10%, it is **194.0080, 24.6461, -18.4240**.

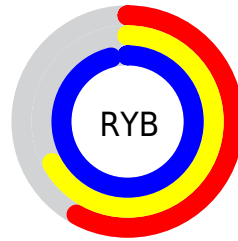
Distribution



Red (58%)

Green (70%)

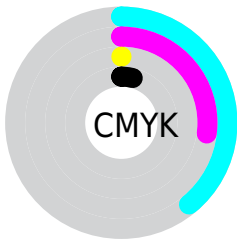
Blue (96%)



Red (58%)

Yellow (67%)

Blue (96%)

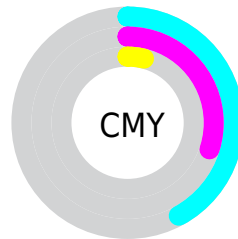


Cyan (39%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (42%)

Magenta (30%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8530, 33.1035, -24.4271 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 176.8530, 33.1035, -24.4271 by changing the saturation by 10% instead.

■ 176.8530, 33.1035,
-24.4271

■ 176.8530, 33.1035,
-24.4271

255.0000, 0.0000,
0.0000

■ 149.3260, 32.3773,
-24.8419

■ 228.0220, 13.3002,
-19.3133

■ 123.5000, 31.7985,
-25.8715

■ 249.0200, 2.9481,
-12.2955

■ 97.2610, 30.9303,
-27.4159

■ 71.2390, 30.9412,
-30.9046

■ 44.5970, 31.2577,
-39.1116

■ 29.5340, 26.8517,
-25.9013

■ 13.2970, 23.0246,

-11.6615

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 176.8530, 33.1035,
-24.4271

■ 176.8530, 33.1035,
-24.4271

■ 159.6980, 41.5609,
-30.4301

■ 194.0080, 24.6461,
-18.4240

■ 142.2440, 50.1657,
-37.0480

■ 211.4620, 16.0412,
-11.8062

■ 125.0890, 58.6231,
-43.0511

■ 228.6170, 7.5838,
-5.8031

■ 107.6350, 67.2279,
-49.6689

■ 246.0710, -1.0210,
0.8147

■ 90.4800, 75.6854,
-55.6720

■ 253.7460, -4.8048,
1.0998

■ 73.3250, 84.1428,
-61.6750

■ 71.2540, 85.1638,
-62.4898

Harmonies

Analogous

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



165.8220, 36.5698, -62.9879



176.8530, 33.1035, -24.4271



182.5650, 23.3855, 12.6595

Triad

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



176.8530, 33.1035, -24.4271



180.1240, -21.2601, 52.5113



165.8080, -5.8213, -46.3126

Complementary

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



176.8530, 33.1035, -24.4271



216.1470, -33.1035, 24.4271

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.



171.3530, -22.3590, -15.2186



176.8530, 33.1035, -24.4271



178.2070, -30.6681, 36.6525

Square

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



176.8530, 33.1035, -24.4271



182.0330, -6.4253, 54.3451



175.2380, -31.1763, 12.9463



158.4140, 15.0789, -76.6621

Rectangle

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



176.8530, 33.1035, -24.4271



183.3950, 14.5953, 32.1026



175.2380, -31.1763, 12.9463



167.6800, -11.6742, -35.6764

Sweetspot

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



176.8530, 33.1035, -24.4271



233.4040, 10.6468, -8.2473



212.1750, 0.8997, -55.4045



114.9870, 6.4154, -4.3736



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.



176.8530, 33.1035, -24.4271



170.3990, 41.7083, -31.0449



164.9130, 38.9899, 0.9533



113.7160, 4.0840, -3.2589



54.6630, 64.7491, -47.9395



17.2920, 20.5620, -15.1651

Inverse Universe

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



180.7110, -1.3365, 55.5045



175.0980, -1.5273, 70.0741



228.0870, -38.9899, -0.9533



114.0440, -0.0217, 6.9774



62.1120, -2.5202, 108.6498



19.6930, -0.8346, 34.4722

Previews

White Background



This preview shows how the YUV color 176.8530, 33.1035, -24.4271 looks on a white background.

Color Contrast Check

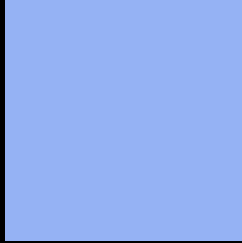
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 176.8530, 33.1035, -24.4271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

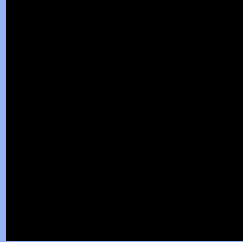
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.8530, 33.1035, -24.4271 Background



This preview shows how black text looks on a background with the YUV color 176.8530, 33.1035, -24.4271.



This preview shows how white text looks on a background with the YUV color 176.8530, 33.1035, -24.4271.

-24.4271.

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

176.8530, 33.1035, -24.4271

Protanopia

178.4410, 31.3346, -17.0498

Deuteranopia

178.0710, 32.5030, -18.4793



Tritanopia

173.3580, 13.6275, -31.0090

Trichromacy



Original Color

176.8530, 33.1035, -24.4271

Protanomaly

177.9460, 32.0716, -20.1236

Deuteranomaly

177.7610, 32.6558, -20.8384

Tritanomaly

174.6170, 20.8948, -28.6051

Monochromacy



Original Color

176.8530, 33.1035, -24.4271

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7460, 11.9572, -8.5472

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8530, 33.1035, -24.4271 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(149, 178, 244)` looks like.

```
.text, #text, p{  
    color:rgb(149, 178, 244)  
}
```

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(149, 178, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 178, 244) }
```

Border

The CSS property to change the border of an element to YUV 176.8530, 33.1035, -24.4271 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(149, 178, 244) }
```


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

```
.border{ border-color:rgb(149, 178, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 178, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 178, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 178, 244);  
box-shadow:4px 4px 4px 4px rgb(149, 178,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 176.8530, 33.1035, -24.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 178, 244) }
```

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

```
.background{ background-color: rgb(149,  
178, 244) }
```

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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