

Converting Colors

YUV(184.9520, 33.0547,
-8.7279)

Have a look what the booklet for
YUV(184.9520, 33.0547, -8.7279)
contains.

YUV(184.9520, 33.0547, -8.7279)	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>	31

Color

**YUV(184.9520, 33.0547,
-8.7279)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB1FC
RGB	175, 177, 252
RGB Percent	69%, 69%, 99%
CMY	0.3137, 0.3059, 0.0118
CMYK	0.31, 0.30, 0.00, 0.01
HSL	238°, 93%, 84%
HSV	238°, 31%, 99%
XYZ	50.9720, 47.5865, 98.5941
YIQ	184.9520, -25.2670, 22.9010

Conversions

Conversions Part 2

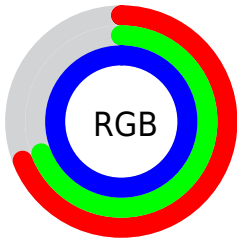
Format	Color
R_{YB}	175, 177, 252
Decimal	11514364
CIE _{Lab}	74.56, 15.87, -37.35
CIE _{LCh}	75, 40.578, 293.018
Yxy	47.5865, 0.2585, 0.2414
Android (android.graphics.Color)	4289704444 (0xFFAFB1FC)
YUV	184.9520, 33.0547, -8.7279
Hunter-Lab	68.9830, 11.1747, -36.4523

Details

The YUV color $184.9520, 33.0547, -8.7279$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $242.0480, -33.0547, 8.7279$, and the grayscale version is $185.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.2090, 9.7570, -2.8143$, and $131.4850, 31.3129, -10.0723$ is the 20% darker color. If you saturate the color by 10%, you get $162.8020, 43.9746, -11.2274$, and if you desaturate by 10%, it is $207.1020, 22.1347, -6.2285$.

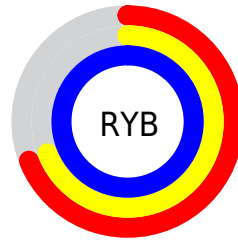
Distribution



Red (69%)

Green (69%)

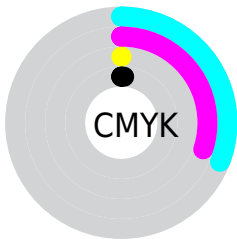
Blue (99%)



Red (69%)

Yellow (69%)

Blue (99%)

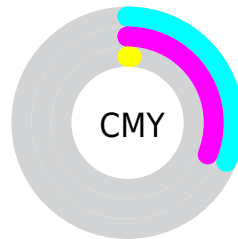


Cyan (31%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (31%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.9520, 33.0547, -8.7279 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 184.9520, 33.0547, -8.7279 by changing the saturation by 10% instead.

■ 184.9520, 33.0547,
-8.7279

■ 184.9520, 33.0547,
-8.7279

255.0000, 0.0000,
0.0000

■ 157.4250, 32.3285,
-9.1427

■ 235.2090, 9.7570,
-2.8143

■ 131.4850, 31.3129,
-10.0723

■ 105.9580, 30.5867,
-10.4872

■ 80.7190, 29.7185,
-12.0316

■ 56.1810, 28.9978,
-14.1907

■ 30.5390, 29.3143,
-22.3977

■ 13.9810, 25.6454,

-12.2613

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 184.9520, 33.0547,
-8.7279

■ 184.9520, 33.0547,
-8.7279

■ 162.8020, 43.9746,
-11.2274

■ 207.1020, 22.1347,
-6.2285

■ 141.2390, 54.6052,
-14.2416

■ 228.6650, 11.5042,
-3.2142

■ 118.7900, 65.6725,
-17.3558

■ 251.1140, 0.4368,
-0.1000

■ 97.2270, 76.3031,
-20.3701

■ 254.6580, -1.3104,
0.2999

■ 75.0770, 87.2230,
-22.8695

■ 53.5140, 97.8536,
-25.8838

■ 32.8370, 108.0474,
-28.7980

Harmonies

Analogous

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



174.3870, 39.7422, -53.8364



184.9520, 33.0547, -8.7279



188.7520, 19.8423, 29.1585

Triad

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



184.9520, 33.0547, -8.7279



183.7620, -28.9697, 51.9517



164.2980, 4.2901, -69.5443

Complementary

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



184.9520, 33.0547, -8.7279



242.0480, -33.0547, 8.7279

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.



172.2090, -17.3580, -32.6323



184.9520, 33.0547, -8.7279



181.4960, -35.7405, 30.2600

Square

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



184.9520, 33.0547, -8.7279



185.6010, -14.5933, 60.8629



177.9330, -32.0120, 0.9358



149.1950, 30.4699, -113.3040

Rectangle

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



184.9520, 33.0547, -8.7279



188.3000, 8.7261, 47.9719



177.9330, -32.0120, 0.9358



167.6110, -3.7522, -56.6638

Sweetspot

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



184.9520, 33.0547, -8.7279



235.2090, 9.7570, -2.8143



228.6350, 10.0399, -47.0379



115.2970, 6.2626, -2.0145



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.



184.9520, 33.0547, -8.7279



172.8900, 40.4802, -10.4275



194.5420, 28.3268, 14.4337



114.0690, 5.3890, -1.8145



24.4810, 81.1079, -21.4698



8.1280, 26.0659, -7.1283

Inverse Universe

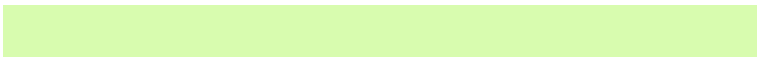
The Inverse Universe completely reimagines the original color for something new.



198.2510, -10.4767, 47.1379



189.3340, -12.9827, 57.5891



232.4580, -28.3268, -14.4337



116.0010, -1.4795, 7.8921



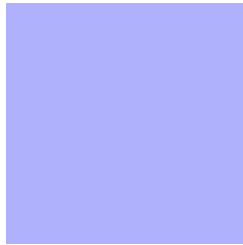
57.0810, -25.6759, 115.6930



18.4670, -8.1182, 37.3014

Previews

White Background



This preview shows how the YUV color 184.9520, 33.0547, -8.7279 looks on a white background.

Color Contrast Check

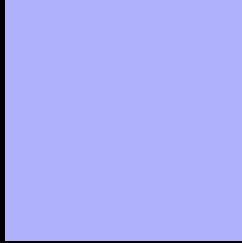
Large Text (above 18pt) WCAG AA × Fail

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 184.9520, 33.0547, -8.7279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

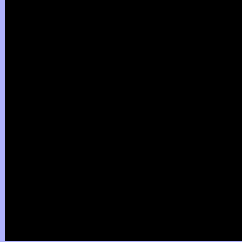
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.9520, 33.0547, -8.7279

Background



This preview shows how black text looks on a background with the YUV color 184.9520, 33.0547, -8.7279.



This preview shows how white text looks on a background with the YUV color 184.9520, 33.0547, -8.7279.

-8.7279.

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

184.9520, 33.0547, -8.7279

Protanopia

183.4560, 35.2712, -19.6939

Deuteranopia

183.2990, 33.3766, -18.6792



Tritanopia

181.8330, 9.9423, -15.6395

Trichromacy



Original Color

184.9520, 33.0547, -8.7279

Protanomaly

184.2500, 34.3868, -16.0052

Deuteranomaly

184.2070, 32.9289, -15.0905

Tritanomaly

182.7330, 18.3726, -12.9208

Monochromacy



Original Color

184.9520, 33.0547, -8.7279

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.7790, 11.9410, -3.3142

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.9520, 33.0547, -8.7279 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(175, 177, 252)` looks like.

```
.text, #text, p{  
    color:rgb(175, 177, 252)  
}
```

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(175, 177, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 177, 252) }
```

Border

The CSS property to change the border of an element to YUV 184.9520, 33.0547, -8.7279 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(175, 177, 252) }
```


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

```
.border{ border-color:rgb(175, 177, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 177, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 177, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 177, 252);  
box-shadow:4px 4px 4px 4px rgb(175, 177,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 184.9520, 33.0547, -8.7279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 177, 252) }
```

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

```
.background{ background-color: rgb(175,  
177, 252) }
```

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