

Converting Colors

YUV(193.9050, 27.6548,
-3.4247)

Have a look what the booklet for
YUV(193.9050, 27.6548, -3.4247)
contains.

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Color

**YUV(193.9050, 27.6548,
-3.4247)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB9FA
RGB	190, 185, 250
RGB Percent	75%, 73%, 98%
CMY	0.2549, 0.2745, 0.0196
CMYK	0.24, 0.26, 0.00, 0.02
HSL	245°, 87%, 85%
HSV	245°, 26%, 98%
XYZ	55.8395, 52.5472, 97.6420
YIQ	193.9050, -17.8850, 21.2750

Conversions

Conversions Part 2

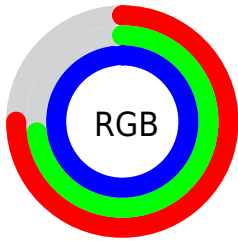
Format	Color
RYB	190, 185, 250
Decimal	12499450
CIELab	77.61, 15.29, -31.47
CIELCh	78, 34.991, 295.906
Yxy	52.5472, 0.2710, 0.2550
Android (android.graphics.Color)	4290689530 (0xFFBEB9FA)
YUV	193.9050, 27.6548, -3.4247
Hunter-Lab	72.4894, 10.6441, -29.1200

Details

The YUV color $193.9050, 27.6548, -3.4247$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $241.0950, -27.6548, 3.4247$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.3900, 5.2307, 2.2890$, and $139.8510, 26.2025, -4.2543$ is the 20% darker color. If you saturate the color by 10%, you get $172.3530, 38.2800, -4.6946$, and if you desaturate by 10%, it is $215.4570, 17.0297, -2.1548$.

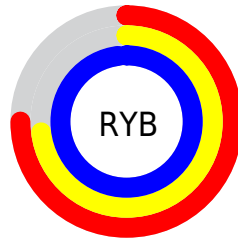
Distribution



Red (75%)

Green (73%)

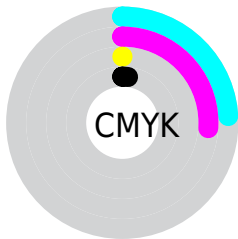
Blue (98%)



Red (75%)

Yellow (73%)

Blue (98%)

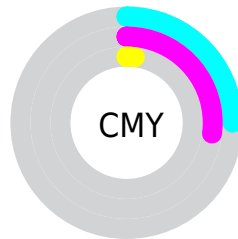


Cyan (24%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.9050, 27.6548, -3.4247 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 193.9050, 27.6548, -3.4247 by changing the saturation by 10% instead.

■ 193.9050, 27.6548,
-3.4247

■ 193.9050, 27.6548,
-3.4247

255.0000, 0.0000,
0.0000

■ 166.3780, 26.9286,
-3.8395

■ 244.3900, 5.2307,
2.2890

■ 139.8510, 26.2025,
-4.2543

■ 114.3240, 25.4763,
-4.6691

■ 89.6830, 24.3133,
-4.9840

■ 65.5580, 23.8819,
-6.6284

■ 42.3190, 23.0137,
-8.1728

■ 18.8730, 22.7406,

-13.9206

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 193.9050, 27.6548,
-3.4247

■ 193.9050, 27.6548,
-3.4247

■ 172.3530, 38.2800,
-4.6946

■ 215.4570, 17.0297,
-2.1548

■ 150.8010, 48.9051,
-5.9645

■ 237.0090, 6.4046,
-0.8849

■ 129.2490, 59.5302,
-7.2344

■ 254.4300, -2.1840,
0.4999

■ 107.6970, 70.1554,
-8.5043

■ 86.1450, 80.7805,
-9.7742

■ 64.5930, 91.4057,
-11.0441

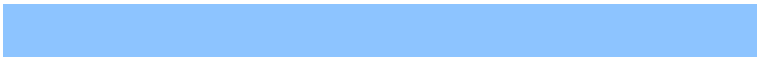
■ 42.7420, 102.1782,
-12.9287

■ 34.1810, 106.3988,
-13.3137

Harmonies

Analogous

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



186.2810, 33.8785, -39.7114



193.9050, 27.6548, -3.4247



196.7150, 15.9165, 28.3139

Triad

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



193.9050, 27.6548, -3.4247



192.7010, -26.4746, 44.9892



176.4780, 4.6943, -59.1782

Complementary

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



193.9050, 27.6548, -3.4247



241.0950, -27.6548, 3.4247

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.



182.4310, -14.0165, -31.0730



193.9050, 27.6548, -3.4247



190.0160, -31.0669, 24.5420

Square

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



193.9050, 27.6548, -3.4247



194.2580, -14.4242, 53.2707



186.7030, -26.4756, -1.4935



172.4660, 22.9413, -78.4617

Rectangle

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



193.9050, 27.6548, -3.4247



196.4690, 5.6848, 43.4387



186.7030, -26.4756, -1.4935



178.5240, -1.7373, -49.5715

Sweetspot

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



193.9050, 27.6548, -3.4247



237.5790, 8.5886, -1.3848



228.2170, 10.7390, -37.9013



116.7810, 5.5310, -0.6849



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.



193.9050, 27.6548, -3.4247



186.8000, 33.6226, -4.2096



203.4730, 22.9378, 16.2482



113.7810, 5.5310, -0.6849



26.0310, 80.3437, -9.6742



8.4490, 25.9076, -3.0248

Inverse Universe

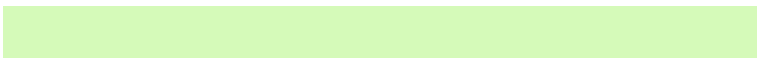
The Inverse Universe completely reimagines the original color for something new.



211.2750, 16.6264, 33.9618



207.9430, 20.2411, 41.2690



231.5270, -22.9378, -16.2482



117.2550, 3.3253, 6.7924



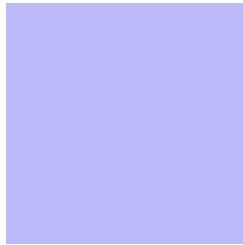
76.3470, 48.1429, 98.7967



24.6230, 15.4689, 31.9026

Previews

White Background



This preview shows how the YUV color 193.9050, 27.6548, -3.4247 looks on a white background.

Color Contrast Check

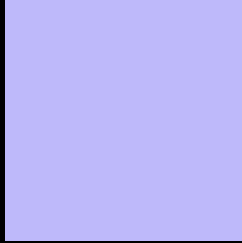
Large Text (above 18pt) WCAG AA × Fail

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 193.9050, 27.6548, -3.4247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

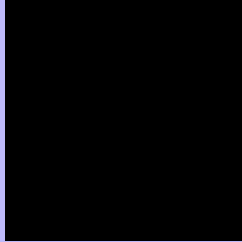
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.9050, 27.6548, -3.4247

Background



This preview shows how black text looks on a background with the YUV color 193.9050, 27.6548, -3.4247.



This preview shows how white text looks on a background with the YUV color 193.9050, 27.6548, -3.4247.

-3.4247.

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

193.9050, 27.6548, -3.4247

Protanopia

191.8110, 30.1662, -15.6202

Deuteranopia

192.2630, 27.9713, -11.6317



Tritanopia

191.4210, 8.1734, -8.2622

Trichromacy



Original Color

193.9050, 27.6548, -3.4247

Protanomaly

192.9040, 29.1343, -11.3168

Deuteranomaly

192.8720, 27.6711, -8.6577

Tritanomaly

192.2670, 15.1514, -6.3732

Monochromacy



Original Color

193.9050, 27.6548, -3.4247

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.2200, 9.7515, -1.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.9050, 27.6548, -3.4247 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(190, 185, 250)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 250)  
}
```

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(190, 185, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 250) }
```

Border

The CSS property to change the border of an element to YUV 193.9050, 27.6548, -3.4247 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(190, 185, 250) }
```


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

```
.border{ border-color:rgb(190, 185, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 185, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 185, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 185, 250);  
box-shadow:4px 4px 4px 4px rgb(190, 185,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 193.9050, 27.6548, -3.4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 250) }
```

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

```
.background{ background-color: rgb(190,  
185, 250) }
```

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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