

Converting Colors

YUV(199.0700, 27.0805,
-52.6814)

Have a look what the booklet for
YUV(199.0700, 27.0805, -52.6814)
contains.

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Color

**YUV(199.0700, 27.0805,
-52.6814)**

Conversions

Conversions Part 1

Format	Color
Hex	8BDBFE
RGB	139, 219, 254
RGB Percent	55%, 86%, 100%
CMY	0.4549, 0.1412, 0.0039
CMYK	0.45, 0.14, 0.00, 0.00
HSL	198°, 98%, 77%
HSV	198°, 45%, 100%
XYZ	53.8684, 63.3078, 103.1464
YIQ	199.0700, -58.9150, -6.0750

Conversions

Conversions Part 2

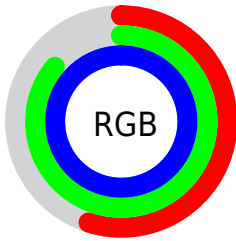
Format	Color
RYB	139, 186, 254
Decimal	9165822
CIELab	83.60, -15.55, -24.69
CIELCh	84, 29.181, 237.802
Yxy	63.3078, 0.2445, 0.2873
Android (android.graphics.Color)	4287355902 (0xFF8BDBFE)
YUV	199.0700, 27.0805, -52.6814
Hunter-Lab	79.5662, -18.3917, -21.1648

Details

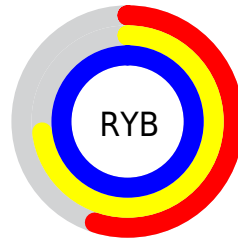
The YUV color **199.0700, 27.0805, -52.6814** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **193.9300, -27.0805, 52.6814**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6580, 8.5496, -35.6571**, and **142.6460, 26.7965, -54.9405** is the 20% darker color. If you saturate the color by 10%, you get **186.8990, 33.0808, -63.9324**, and if you desaturate by 10%, it is **211.2410, 21.0802, -41.4304**.

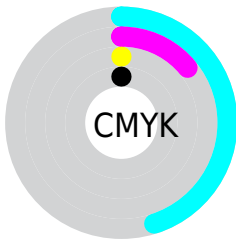
Distribution



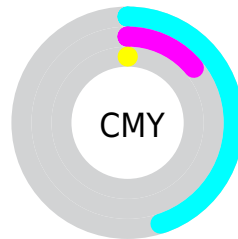
- Red (55%)
- Green (86%)
- Blue (100%)



- Red (55%)
- Yellow (73%)
- Blue (100%)



- Cyan (45%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.0700, 27.0805, -52.6814 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 199.0700, 27.0805, -52.6814 by changing the saturation by 10% instead.

199.0700, 27.0805,
-52.6814

199.0700, 27.0805,
-52.6814

255.0000, 0.0000,
0.0000

170.6570, 26.7911,
-53.1962

237.6580, 8.5496,
-35.6571

142.6460, 26.7965,
-54.9405

246.6280, 4.1274,
-17.2138

114.7380, 27.2442,
-58.5292

82.0460, 30.0503,
-71.9543

65.1080, 26.0758,
-57.0997

48.1700, 22.1012,
-42.2451

32.5200, 17.9846,

-28.5200

■ 18.8590, 13.8735,
-16.5393

■ 3.5510, 11.0674,
-3.1142

■ 199.0700, 27.0805,
-52.6814

■ 199.0700, 27.0805,
-52.6814

■ 186.8990, 33.0808,
-63.9324

■ 211.2410, 21.0802,
-41.4304

■ 175.0160, 38.9391,
-76.3130

■ 223.1240, 15.2219,
-29.0497

■ 162.8450, 44.9394,
-87.5641

■ 235.2950, 9.2216,
-17.7987

■ 150.3750, 51.0871,
-99.4299

■ 247.7650, 3.0739,
-5.9329

■ 138.2040, 57.0874, 254.8860, -0.4368,
-110.6809 0.1000

■ 132.8550, 59.7245,
-116.5138

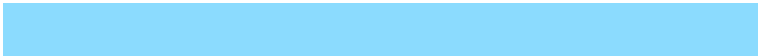
Harmonies

Analogous

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



195.4360, 18.5191, -60.0184



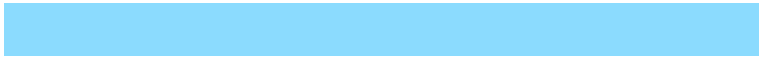
199.0700, 27.0805, -52.6814



204.3550, 24.9680, -28.3753

Triad

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



199.0700, 27.0805, -52.6814



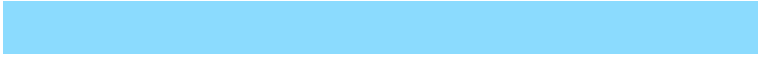
211.2420, -0.1193, 38.3758



203.8430, -22.1076, -2.4933

Complementary

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



199.0700, 27.0805, -52.6814



193.9300, -27.0805, 52.6814

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.



207.5470, -26.3987, 20.5683



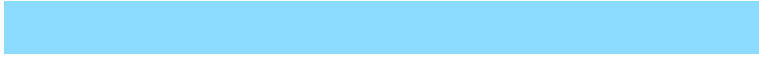
199.0700, 27.0805, -52.6814



208.7510, -12.2022, 40.5604

Square

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



199.0700, 27.0805, -52.6814



212.7810, 12.4330, 25.6251



209.8680, -23.1059, 37.8268



200.8490, -11.2646, -27.0546

Rectangle

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



199.0700, 27.0805, -52.6814



208.6070, 22.8717, -9.3023



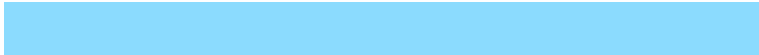
209.8680, -23.1059, 37.8268



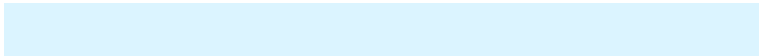
205.6160, -24.4607, 5.5988

Sweetspot

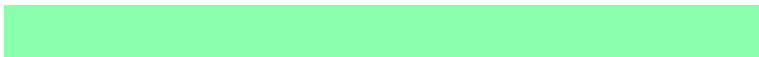
The Sweet Spot groups the original color and five complimentary colors.



199.0700, 27.0805, -52.6814



237.7790, 8.4900, -16.4692



210.4950, -17.9920, -62.7011



117.3130, 5.2687, -9.9215



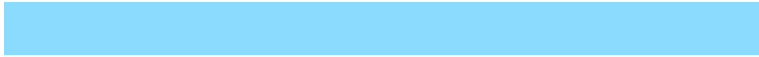
0.0000, 0.0000, 0.0000



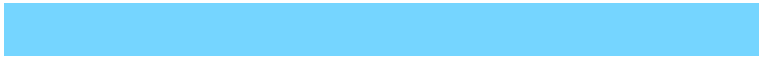
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



199.0700, 27.0805, -52.6814



189.0840, 32.4966, -63.2177



165.6110, 43.5758, -23.3378



121.7650, 3.0739, -5.9329



99.8450, 44.9394, -87.5641



33.1240, 15.2219, -29.0497

Inverse Universe

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



182.5050, 17.9920, 62.7011



169.2060, 21.5904, 75.2413



227.3890, -43.5758, 23.3378



119.9130, 2.0149, 7.0923



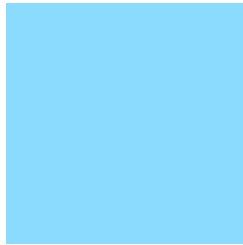
72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 199.0700, 27.0805, -52.6814 looks on a white background.

Color Contrast Check

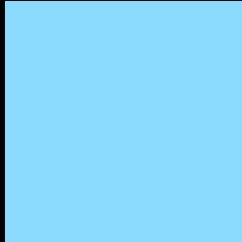
Large Text (above 18pt) WCAG AA × Fail

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 199.0700, 27.0805, -52.6814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

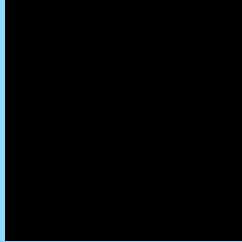
Any Text WCAG AA ✓ Pass

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 199.0700, 27.0805, -52.6814 Background



This preview shows how black text looks on a background with the YUV color 199.0700, 27.0805, -52.6814.



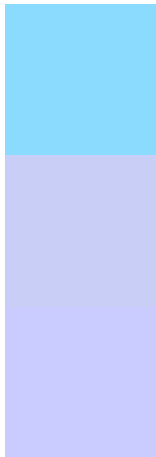
This preview shows how white text looks on a background with the YUV color 199.0700, 27.0805, -52.6814.

-52.6814.

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

199.0700, 27.0805, -52.6814

Protanopia

208.6520, 17.9196, -7.5878

Deuteranopia

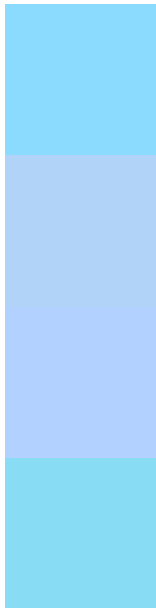
208.6290, 22.8609, -5.8136



Tritanopia

197.3380, 20.5394, -54.6704

Trichromacy



Original Color

199.0700, 27.0805, -52.6814

Protanomaly

205.3510, 21.0260, -23.9868

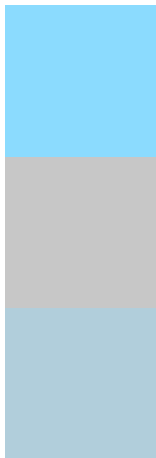
Deuteranomaly

205.2740, 24.5149, -23.0423

Tritanomaly

197.6200, 22.8653, -54.0407

Monochromacy



Original Color

199.0700, 27.0805, -52.6814

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.8110, 9.9532, -19.1282

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.0700, 27.0805, -52.6814 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(139, 219, 254)` looks like.

```
.text, #text, p{  
    color:rgb(139, 219, 254)  
}
```

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(139, 219, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 219, 254) }
```

Border

The CSS property to change the border of an element to YUV 199.0700, 27.0805, -52.6814 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(139, 219, 254) }
```


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

```
.border{ border-color:rgb(139, 219, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 219, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 219, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 219, 254);  
box-shadow:4px 4px 4px 4px rgb(139, 219,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 199.0700, 27.0805, -52.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 219, 254) }
```

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

```
.background{ background-color: rgb(139,  
219, 254) }
```

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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