

Converting Colors

YUV(191.2870, 27.9595,
-54.6257)

Have a look what the booklet for
YUV(191.2870, 27.9595, -54.6257)
contains.

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Color

**YUV(191.2870, 27.9595,
-54.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	81D4F8
RGB	129, 212, 248
RGB Percent	51%, 83%, 97%
CMY	0.4941, 0.1686, 0.0275
CMYK	0.48, 0.15, 0.00, 0.03
HSL	198°, 89%, 74%
HSV	198°, 48%, 97%
XYZ	49.5400, 58.5314, 97.4936
YIQ	191.2870, -61.0240, -6.4000

Conversions

Conversions Part 2

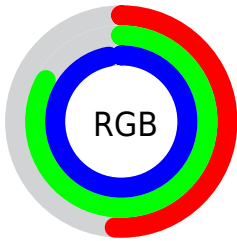
Format	Color
R _Y B	129, 178, 248
Decimal	8508664
CIE Lab	81.03, -15.86, -25.47
CIE LCh	81, 30.004, 238.087
Yxy	58.5314, 0.2410, 0.2847
Android (android.graphics.Color)	4286698744 (0xFF81D4F8)
YUV	191.2870, 27.9595, -54.6257
Hunter-Lab	76.5058, -18.3006, -22.0009

Details

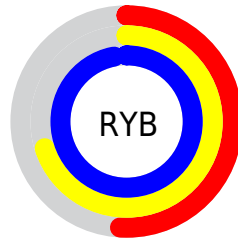
The YUV color **191.2870, 27.9595, -54.6257** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **185.7130, -27.9595, 54.6257**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6680, 10.0237, -41.8048**, and **134.6780, 28.2597, -57.5996** is the 20% darker color. If you saturate the color by 10%, you get **179.1160, 33.9598, -65.8767**, and if you desaturate by 10%, it is **203.4580, 21.9592, -43.3747**.

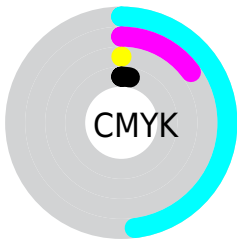
Distribution



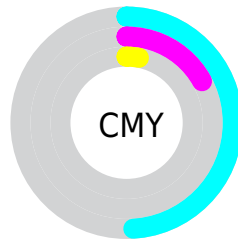
- Red (51%)
- Green (83%)
- Blue (97%)



- Red (51%)
- Yellow (70%)
- Blue (97%)



- Cyan (48%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (49%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.2870, 27.9595, -54.6257 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 191.2870, 27.9595, -54.6257 by changing the saturation by 10% instead.

■ 191.2870, 27.9595,
-54.6257

■ 191.2870, 27.9595,
-54.6257

■ 255.0000, 0.0000,
0.0000

■ 162.8740, 27.6701,
-55.1405

■ 234.6680, 10.0237,
-41.8048

■ 134.6780, 28.2597,
-57.5996

■ 243.6380, 5.6015,
-23.3615

■ 105.1610, 29.0076,
-64.1622

■ 252.6080, 1.1793,
-4.9182

■ 77.9540, 29.6027,
-68.3657

■ 60.9020, 25.1913,
-53.4111

■ 44.6650, 21.3642,
-39.1712

■ 29.0150, 17.2476,

-25.4462

■ 10.6580, 15.4516,
-9.3471

■ 2.9810, 8.8834,
-2.6143

■ 191.2870, 27.9595,
-54.6257

■ 191.2870, 27.9595,
-54.6257

■ 179.1160, 33.9598,
-65.8767

■ 203.4580, 21.9592,
-43.3747

■ 167.5320, 39.6707,
-77.6426

■ 215.0420, 16.2483,
-31.6088

■ 155.6600, 45.5236,
-88.2788

■ 226.9140, 10.3954,
-20.9726

■ 144.0760, 51.2345,
-100.0447

■ 238.4980, 4.6845,
-9.2067

■ 131.9050, 57.2348,
-111.2957

■ 250.6690, -1.3158,
2.0443

■ 129.8230, 58.2613,
-113.8548

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



187.6530, 19.3981, -61.9627



191.2870, 27.9595, -54.6257



197.8540, 28.1730, -29.6900

Triad

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



191.2870, 27.9595, -54.6257



205.7480, -0.8618, 43.1940



197.3160, -22.8338, -2.9081

Complementary

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



191.2870, 27.9595, -54.6257



185.7130, -27.9595, 54.6257

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.



200.0200, -27.1249, 20.1535



191.2870, 27.9595, -54.6257



203.1430, -13.3815, 45.4786

Square

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



191.2870, 27.9595, -54.6257



206.0800, 12.2856, 26.2398



202.1670, -23.2533, 38.4415



193.2510, -10.9697, -28.2841

Rectangle

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



191.2870, 27.9595, -54.6257



201.9920, 25.6399, -10.5170



202.1670, -23.2533, 38.4415



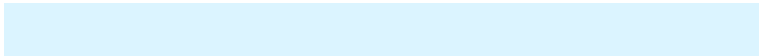
198.2030, -24.7501, 5.0840

Sweetspot

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



191.2870, 27.9595, -54.6257



237.7790, 8.4900, -16.4692



202.9570, -18.7128, -64.8603



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.



191.2870, 27.9595, -54.6257



184.3330, 34.8388, -67.8210



156.6540, 45.0336, -24.2526



118.7650, 3.0739, -5.9329



99.0300, 44.3552, -86.8493



32.1950, 14.2009, -28.2350

Inverse Universe

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



174.0430, 18.7128, 64.8603



162.9940, 23.1740, 80.6893



220.3460, -45.0336, 24.2526



116.9130, 2.0149, 7.0923



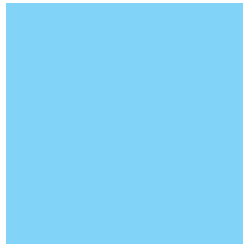
71.5590, 29.7974, 102.9958



23.1410, 9.7905, 33.2023

Previews

White Background



This preview shows how the YUV color 191.2870, 27.9595, -54.6257 looks on a white background.

Color Contrast Check

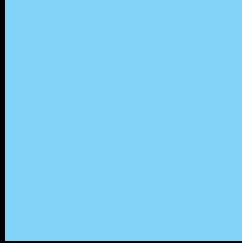
Large Text (above 18pt) WCAG AA × Fail

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 191.2870, 27.9595, -54.6257 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 191.2870, 27.9595, -54.6257

Background



This preview shows how black text looks on a background with the YUV color 191.2870, 27.9595, -54.6257.



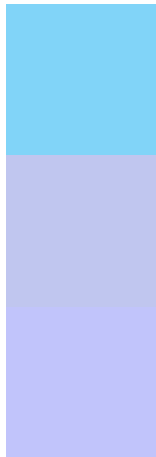
This preview shows how white text looks on a background with the YUV color 191.2870, 27.9595, -54.6257.

-54.6257.

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

191.2870, 27.9595, -54.6257

Protanopia

200.8800, 18.7932, -7.7878

Deuteranopia

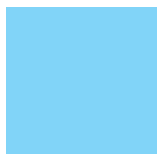
201.3730, 24.4661, -7.3431



Tritanopia

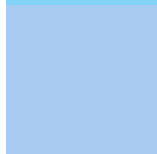
189.7290, 20.8396, -57.6443

Trichromacy



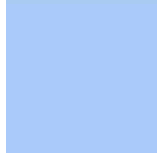
Original Color

191.2870, 27.9595, -54.6257



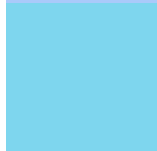
Protanomaly

197.2800, 22.0470, -24.8016



Deuteranomaly

197.9040, 25.6833, -24.4718



Tritanomaly

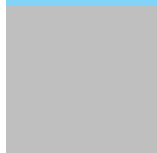
190.4240, 23.4550, -56.4998

Monochromacy



Original Color

191.2870, 27.9595, -54.6257



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.2130, 10.2480, -20.3578

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.2870, 27.9595, -54.6257 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(129, 212, 248)` looks like.

```
.text, #text, p{  
    color:rgb(129, 212, 248)  
}
```

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(129, 212, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 212, 248) }
```

Border

The CSS property to change the border of an element to YUV 191.2870, 27.9595, -54.6257 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(129, 212, 248) }
```


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

```
.border{ border-color:rgb(129, 212, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 212, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 212, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 212, 248);  
box-shadow:4px 4px 4px 4px rgb(129, 212,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 191.2870, 27.9595, -54.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 212, 248) }
```

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

```
.background{ background-color: rgb(129,  
212, 248) }
```

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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