

Converting Colors

YUV(195.7490, 27.2387,
-56.7849)

Have a look what the booklet for
YUV(195.7490, 27.2387, -56.7849)
contains.

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Color

**YUV(195.7490, 27.2387,
-56.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	83DAFB
RGB	131, 218, 251
RGB Percent	51%, 85%, 98%
CMY	0.4863, 0.1451, 0.0157
CMYK	0.48, 0.13, 0.00, 0.02
HSL	196°, 94%, 75%
HSV	196°, 48%, 98%
XYZ	51.8441, 61.9331, 100.4886
YIQ	195.7490, -62.4450, -8.1810

Conversions

Conversions Part 2

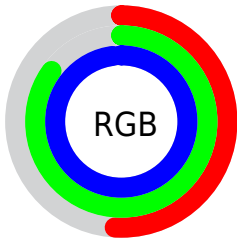
Format	Color
RYB	131, 181, 251
Decimal	8641275
CIELab	82.88, -17.67, -24.24
CIELCh	83, 29.998, 233.916
Yxy	61.9331, 0.2420, 0.2890
Android (android.graphics.Color)	4286831355 (0xFF83DAFB)
YUV	195.7490, 27.2387, -56.7849
Hunter-Lab	78.6976, -20.1294, -20.6188

Details

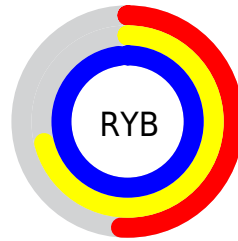
The YUV color **195.7490, 27.2387, -56.7849** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **186.2510, -27.2387, 56.7849**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5650, 9.5815, -39.9605**, and **139.0260, 27.1022, -59.6588** is the 20% darker color. If you saturate the color by 10%, you get **184.1650, 32.9497, -68.5507**, and if you desaturate by 10%, it is **207.3330, 21.5278, -45.0190**.

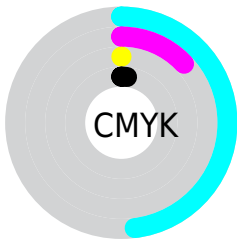
Distribution



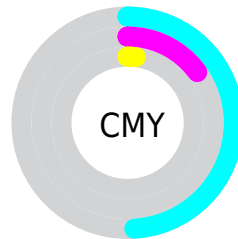
- Red (51%)
- Green (85%)
- Blue (98%)



- Red (51%)
- Yellow (71%)
- Blue (98%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.7490, 27.2387, -56.7849 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 195.7490, 27.2387, -56.7849 by changing the saturation by 10% instead.

■ 195.7490, 27.2387,
-56.7849

■ 195.7490, 27.2387,
-56.7849

■ 255.0000, 0.0000,
0.0000

■ 167.3360, 26.9494,
-57.2997

■ 235.5650, 9.5815,
-39.9605

■ 139.0260, 27.1022,
-59.6588

■ 244.2360, 5.3067,
-22.1320

■ 109.6230, 28.2869,
-66.3214

■ 253.2060, 0.8844,
-3.6887

■ 81.2310, 29.4661,
-71.2396

■ 64.1790, 25.0548,
-56.2850

■ 47.2410, 21.0802,
-41.4304

■ 31.7050, 17.4004,

-27.8053

■ 16.7560, 13.4313,
-14.6950

■ 3.2090, 9.7570,
-2.8143

■ 195.7490, 27.2387,
-56.7849

■ 195.7490, 27.2387,
-56.7849

■ 184.1650, 32.9497,
-68.5507

■ 207.3330, 21.5278,
-45.0190

■ 172.5810, 38.6606,
-80.3165

■ 218.9170, 15.8169,
-33.2532

■ 160.9970, 44.3715,
-92.0824

■ 230.5010, 10.1060,
-21.4874

■ 149.4130, 50.0824,
-103.8482

■ 242.0850, 4.3951,
-9.7215

■ 137.5300, 55.9407,
-116.2288

■ 253.3700, -1.1684,
1.4295

■ 135.4480, 56.9671,
-118.7879

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

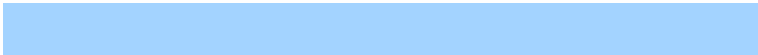
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193.0830, 17.2141, -61.4628



195.7490, 27.2387, -56.7849



201.6640, 26.2946, -33.9083

Triad

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



195.7490, 27.2387, -56.7849



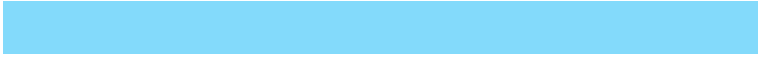
209.7090, 1.6225, 39.7202



202.6970, -24.0076, 0.2657

Complementary

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



195.7490, 27.2387, -56.7849



186.2510, -27.2387, 56.7849

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.



205.7430, -26.9883, 23.0274



195.7490, 27.2387, -56.7849



207.1040, -10.8973, 42.0048

Square

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



195.7490, 27.2387, -56.7849



210.9270, 14.3330, 22.8660



207.7050, -22.5326, 40.6007



198.7030, -13.1646, -24.2955

Rectangle

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



195.7490, 27.2387, -56.7849



205.6280, 24.3404, -13.7058



207.7050, -22.5326, 40.6007



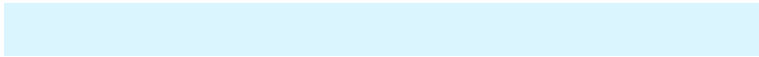
203.5840, -25.9239, 8.2578

Sweetspot

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



195.7490, 27.2387, -56.7849



238.3660, 8.2006, -16.9840



205.0880, -20.7494, -64.9752



117.9000, 4.9793, -10.4363



0.0000, 0.0000, 0.0000



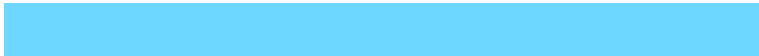
128.0000, 0.0000, 0.0000

Same Dimension

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



195.7490, 27.2387, -56.7849



188.1650, 32.9497, -68.5507



161.1160, 44.3128, -26.4117



119.3520, 2.7845, -6.4477



101.9650, 42.9083, -89.4233



32.7820, 13.9115, -28.7498

Inverse Universe

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



176.7980, 20.3126, 65.0752



165.3250, 24.4898, 78.6450



220.8840, -44.3128, 26.4117



117.0270, 2.4517, 6.9923



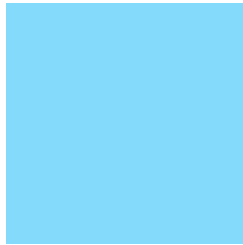
72.1290, 31.9814, 102.4959



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 195.7490, 27.2387, -56.7849 looks on a white background.

Color Contrast Check

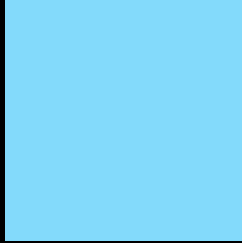
Large Text (above 18pt) WCAG AA × Fail

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 195.7490, 27.2387, -56.7849 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 195.7490, 27.2387, -56.7849 Background



This preview shows how black text looks on a background with the YUV color 195.7490, 27.2387, -56.7849.

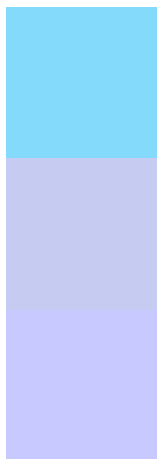


This preview shows how white text looks on a background with the YUV color 195.7490, 27.2387, -56.7849.

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

195.7490, 27.2387, -56.7849

Protanopia

206.4240, 17.0460, -7.3878

Deuteranopia

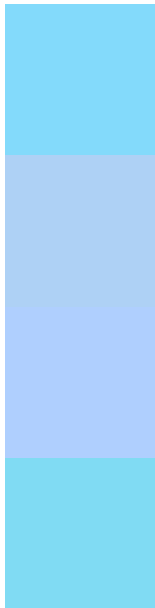
206.8570, 23.7345, -6.0136



Tritanopia

194.2450, 21.5712, -58.9739

Trichromacy



Original Color

195.7490, 27.2387, -56.7849

Protanomaly

202.6390, 20.8840, -25.1164

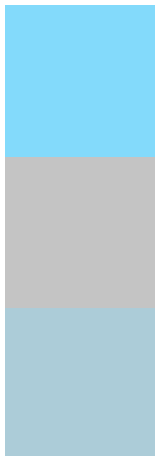
Deuteranomaly

202.7900, 25.2465, -24.3718

Tritanomaly

194.5270, 23.8972, -58.3442

Monochromacy



Original Color

195.7490, 27.2387, -56.7849

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.8000, 9.9586, -20.8726

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.7490, 27.2387, -56.7849 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(131, 218, 251)` looks like.

```
.text, #text, p{  
    color:rgb(131, 218, 251)  
}
```

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(131, 218, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 218, 251) }
```

Border

The CSS property to change the border of an element to YUV 195.7490, 27.2387, -56.7849 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(131, 218, 251) }
```


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

```
.border{ border-color:rgb(131, 218, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 218, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 218, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 218, 251);  
box-shadow:4px 4px 4px 4px rgb(131, 218,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 195.7490, 27.2387, -56.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 218, 251) }
```

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

```
.background{ background-color: rgb(131,  
218, 251) }
```

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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