

Converting Colors

YUV(198.7530, 27.7298,
-74.3284)

Have a look what the booklet for
YUV(198.7530, 27.7298, -74.3284)
contains.

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Color

**YUV(198.7530, 27.7298,
-74.3284)**

Conversions

Conversions Part 1

Format	Color
Hex	72E7FF
RGB	114, 231, 255
RGB Percent	45%, 91%, 100%
CMY	0.5529, 0.0941, 0.0000
CMYK	0.55, 0.09, 0.00, 0.00
HSL	190°, 100%, 72%
HSV	190°, 55%, 100%
XYZ	53.5653, 67.9492, 104.9001
YIQ	198.7530, -77.4360, -17.3400

Conversions

Conversions Part 2

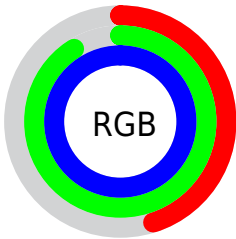
Format	Color
RYB	114, 178, 255
Decimal	7530495
CIELab	85.98, -26.57, -21.70
CIELCh	86, 34.308, 219.239
Yxy	67.9492, 0.2366, 0.3001
Android (android.graphics.Color)	4285720575 (0xFF72E7FF)
YUV	198.7530, 27.7298, -74.3284
Hunter-Lab	82.4313, -28.2623, -17.7491

Details

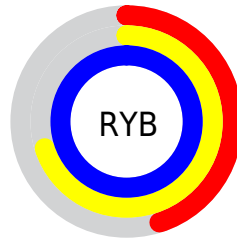
The YUV color **198.7530, 27.7298, -74.3284** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **170.2470, -27.7298, 74.3284**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, 11.7926, -49.1822**, and **137.8550, 29.6515, -84.0648** is the 20% darker color. If you saturate the color by 10%, you get **188.9300, 32.5725, -87.6386**, and if you desaturate by 10%, it is **208.8750, 22.7396, -60.4034**.

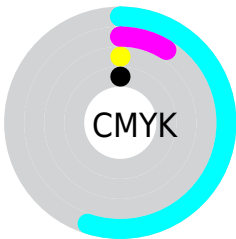
Distribution



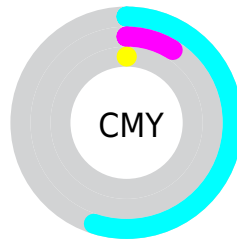
- Red (45%)
- Green (91%)
- Blue (100%)



- Red (45%)
- Yellow (70%)
- Blue (100%)



- Cyan (55%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.7530, 27.7298, -74.3284 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 198.7530, 27.7298, -74.3284 by changing the saturation by 10% instead.

198.7530, 27.7298,
-74.3284

198.7530, 27.7298,
-74.3284

255.0000, 0.0000,
0.0000

169.1440, 28.0300,
-77.3023

231.0800, 11.7926,
-49.1822

137.8550, 29.6515,
-84.0648

240.3490, 7.2229,
-30.1241

106.3700, 31.8626,
-93.2865

249.3190, 2.8007,
-11.6808

88.0300, 27.5932,
-77.2023

70.5050, 23.9080,
-61.8329

53.5670, 19.9335,
-46.9783

37.3300, 16.1063,

-32.7384

■ 23.6690, 11.9952,
-20.7577

■ 3.6650, 11.5042,
-3.2142

■ 198.7530, 27.7298,
-74.3284

■ 198.7530, 27.7298,
-74.3284

■ 188.9300, 32.5725,
-87.6386

■ 208.8750, 22.7396,
-60.4034

■ 178.2210, 37.8520,
-101.0488

■ 219.2850, 17.6075,
-47.6079

■ 168.0990, 42.8422,
-114.9738

■ 229.4070, 12.6173,
-33.6829

■ 158.2760, 47.6849,
-128.2841

■ 239.2300, 7.7746,
-20.3727

■ 153.5140, 50.0326,
-134.6318

■ 249.9390, 2.4951,
-6.9625

255.0000, 0.0000,
0.0000

Harmonies

Analogous

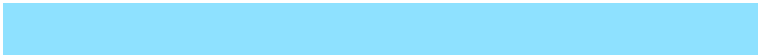
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.0840, 12.2836, -66.7257



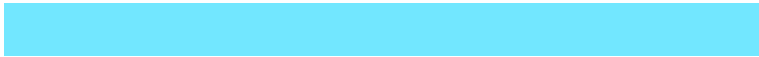
198.7530, 27.7298, -74.3284



203.6030, 25.3387, -54.0258

Triad

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



198.7530, 27.7298, -74.3284



217.3690, 10.6641, 33.0024



212.1780, -30.1608, 13.8759

Complementary

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



198.7530, 27.7298, -74.3284



170.2470, -27.7298, 74.3284

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.



214.2500, -29.2102, 35.7377



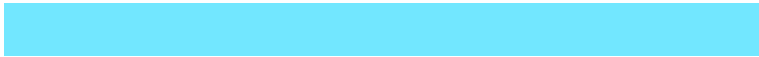
198.7530, 27.7298, -74.3284



211.8460, -2.8821, 37.8461

Square

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



198.7530, 27.7298, -74.3284



217.8980, 18.2913, 13.2445



211.2470, -17.8698, 38.3714



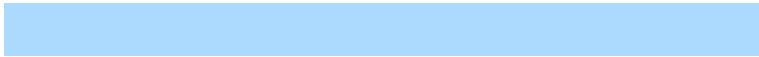
208.1790, -21.7802, -14.1890

Rectangle

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



198.7530, 27.7298, -74.3284



208.4640, 22.9422, -31.9789



211.2470, -17.8698, 38.3714



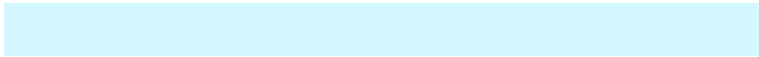
213.5920, -31.3509, 22.2828

Sweetspot

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



198.7530, 27.7298, -74.3284



238.0340, 8.3642, -22.8318



199.3890, -30.7578, -74.8862



117.2910, 5.2795, -13.4102



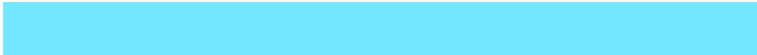
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



198.7530, 27.7298, -74.3284



187.7450, 33.1567, -88.3534



157.6630, 47.9871, -38.2925



122.3520, 2.7845, -6.4477



115.1070, 37.4152, -100.9488



38.4070, 12.6173, -33.6829

Inverse Universe

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



169.4970, 30.3210, 74.9861



153.0780, 35.9505, 89.3856



211.3370, -47.9871, 38.2925



120.0270, 2.4517, 6.9923



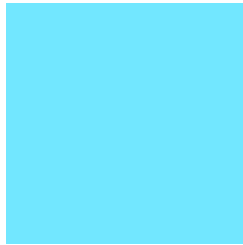
75.2350, 41.2961, 101.5259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 198.7530, 27.7298, -74.3284 looks on a white background.

Color Contrast Check

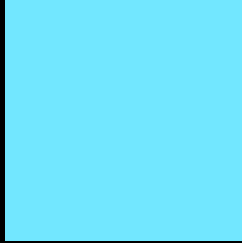
Large Text (above 18pt) WCAG AA × Fail

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 198.7530, 27.7298, -74.3284 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 198.7530, 27.7298, -74.3284 Background



This preview shows how black text looks on a background with the YUV color 198.7530, 27.7298, -74.3284.



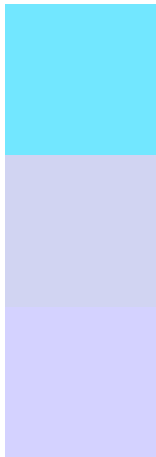
This preview shows how white text looks on a background with the YUV color 198.7530, 27.7298, -74.3284.

-74.3284.

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

198.7530, 27.7298, -74.3284

Protanopia

214.5230, 13.5462, -4.8437

Deuteranopia

215.7280, 19.3611, -3.2695



Tritanopia

198.1720, 25.5512, -75.5728

Trichromacy



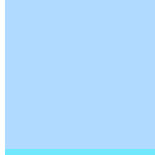
Original Color

198.7530, 27.7298, -74.3284



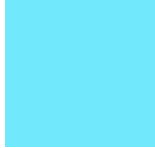
Protanomaly

208.7370, 18.8637, -30.4643



Deuteranomaly

209.6600, 22.3526, -29.5198



Tritanomaly

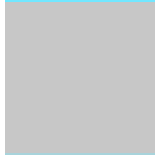
198.6990, 26.2774, -75.1580

Monochromacy



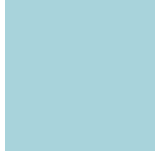
Original Color

198.7530, 27.7298, -74.3284



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

199.0550, 9.8329, -27.2352

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.7530, 27.7298, -74.3284 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(114, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(114, 231, 255)  
}
```

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(114, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 231, 255) }
```

Border

The CSS property to change the border of an element to YUV 198.7530, 27.7298, -74.3284 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(114, 231, 255) }
```


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

```
.border{ border-color:rgb(114, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(114, 231,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 198.7530, 27.7298, -74.3284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 231, 255) }
```

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

```
.background{ background-color: rgb(114,  
231, 255) }
```

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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