

Converting Colors

YUV(198.2440, 26.5017,
-53.7110)

Have a look what the booklet for
YUV(198.2440, 26.5017, -53.7110)
contains.

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Color

**YUV(198.2440, 26.5017,
-53.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	89DBFC
RGB	137, 219, 252
RGB Percent	54%, 86%, 99%
CMY	0.4627, 0.1412, 0.0118
CMYK	0.46, 0.13, 0.00, 0.01
HSL	197°, 95%, 76%
HSV	197°, 46%, 99%
XYZ	53.2187, 63.0097, 101.4526
YIQ	198.2440, -59.4650, -7.1210

Conversions

Conversions Part 2

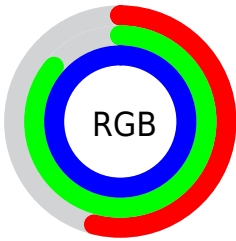
Format	Color
RYB	137, 185, 252
Decimal	9034748
CIELab	83.45, -16.54, -23.88
CIELCh	83, 29.052, 235.288
Yxy	63.0097, 0.2445, 0.2895
Android (android.graphics.Color)	4287224828 (0xFF89DBFC)
YUV	198.2440, 26.5017, -53.7110
Hunter-Lab	79.3786, -19.2388, -20.2126

Details

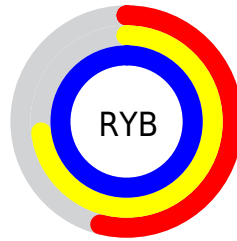
The YUV color **198.2440, 26.5017, -53.7110** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **190.7560, -26.5017, 53.7110**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0600, 8.8444, -36.8866**, and **141.8200, 26.2177, -55.9701** is the 20% darker color. If you saturate the color by 10%, you get **186.6600, 32.2126, -65.4768**, and if you desaturate by 10%, it is **209.8280, 20.7908, -41.9452**.

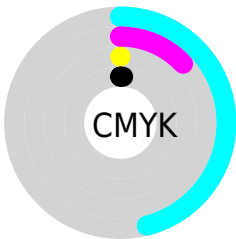
Distribution



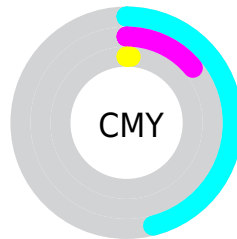
- Red (54%)
- Green (86%)
- Blue (99%)



- Red (54%)
- Yellow (73%)
- Blue (99%)



- Cyan (46%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (46%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.2440, 26.5017, -53.7110 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 198.2440, 26.5017, -53.7110 by changing the saturation by 10% instead.

■ 198.2440, 26.5017,
-53.7110

■ 198.2440, 26.5017,
-53.7110

255.0000, 0.0000,
0.0000

■ 169.8310, 26.2123,
-54.2258

■ 237.0600, 8.8444,
-36.8866

■ 141.8200, 26.2177,
-55.9701

■ 246.0300, 4.4222,
-18.4433

■ 113.6130, 26.8128,
-60.1736

■ 81.9320, 29.6135,
-71.8544

■ 64.8800, 25.2022,
-56.8998

■ 47.9420, 21.2276,
-42.0451

■ 32.4060, 17.5478,

-28.4201

■ 18.0440, 13.2893,
-15.8246

■ 3.3230, 10.1938,
-2.9143

■ 198.2440, 26.5017,
-53.7110

■ 198.2440, 26.5017,
-53.7110

■ 186.6600, 32.2126,
-65.4768

■ 209.8280, 20.7908,
-41.9452

■ 175.0760, 37.9235,
-77.2427

■ 221.4120, 15.0799,
-30.1793

■ 162.6060, 44.0712,
-89.1085

■ 233.8820, 8.9322,
-18.3135

■ 151.0220, 49.7822,
-100.8743

■ 245.4660, 3.2213,
-6.5477

■ 139.4380, 55.4931, 254.6580, -1.3104,
-112.6401 0.2999

■ 134.3880, 57.9827,
-117.8583

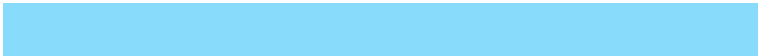
Harmonies

Analogous

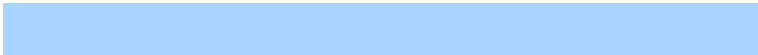
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195.3930, 17.0613, -59.1037



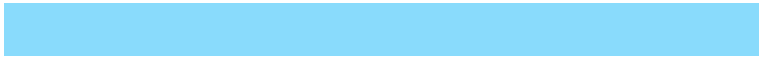
198.2440, 26.5017, -53.7110



203.7460, 25.2682, -31.3492

Triad

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



198.2440, 26.5017, -53.7110



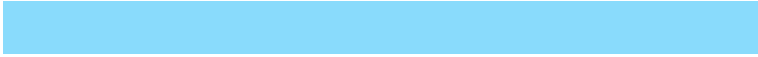
210.8830, 1.0437, 38.6906



204.0390, -22.6972, -0.0342

Complementary

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



198.2440, 26.5017, -53.7110



190.7560, -26.5017, 53.7110

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.



207.2590, -26.2567, 21.6979



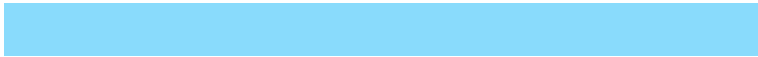
198.2440, 26.5017, -53.7110



208.3920, -11.0393, 40.8752

Square

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



198.2440, 26.5017, -53.7110



212.5850, 13.0226, 23.1660



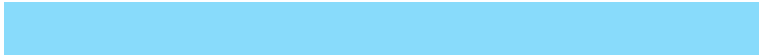
209.6940, -22.5271, 38.8564



200.6320, -12.1436, -25.1103

Rectangle

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



198.2440, 26.5017, -53.7110



207.9980, 23.1720, -12.2762



209.6940, -22.5271, 38.8564



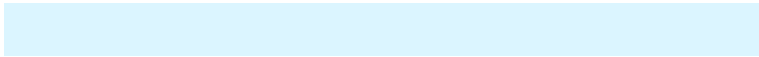
205.5130, -24.9029, 7.4431

Sweetspot

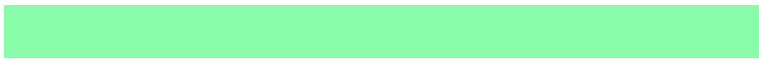
The Sweet Spot groups the original color and five complimentary colors.



198.2440, 26.5017, -53.7110



238.3660, 8.2006, -16.9840



208.2670, -18.8656, -62.5012



117.3130, 5.2687, -9.9215



0.0000, 0.0000, 0.0000



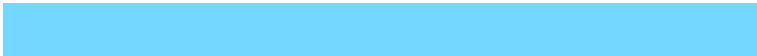
128.0000, 0.0000, 0.0000

Same Dimension

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



198.2440, 26.5017, -53.7110



189.6600, 32.2126, -65.4768



164.7850, 42.9970, -24.3674



118.7650, 3.0739, -5.9329



100.7910, 43.4870, -88.3937



32.7820, 13.9115, -28.7498

Inverse Universe

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



180.7330, 18.8656, 62.5012



168.2600, 23.0428, 76.0710



224.2150, -42.9970, 24.3674



116.9130, 2.0149, 7.0923



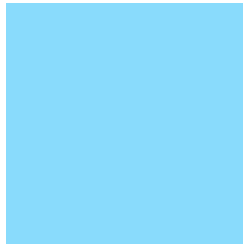
71.9010, 31.1078, 102.6958



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 198.2440, 26.5017, -53.7110 looks on a white background.

Color Contrast Check

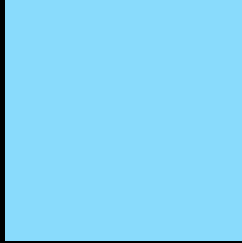
Large Text (above 18pt) WCAG AA × Fail

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 198.2440, 26.5017, -53.7110 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 198.2440, 26.5017, -53.7110

Background



This preview shows how black text looks on a background with the YUV color 198.2440, 26.5017, -53.7110.



This preview shows how white text looks on a background with the YUV color 198.2440, 26.5017, -53.7110.

-53.7110.

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

198.2440, 26.5017, -53.7110

Protanopia

207.8370, 17.3354, -6.8730

Deuteranopia

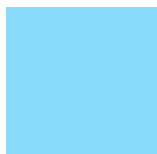
208.6290, 22.8609, -5.8136



Tritanopia

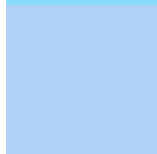
196.7400, 20.8342, -55.9000

Trichromacy



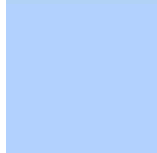
Original Color

198.2440, 26.5017, -53.7110



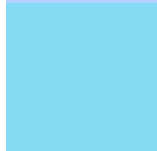
Protanomaly

204.2370, 20.5892, -23.8868



Deuteranomaly

204.8610, 24.2255, -23.5571



Tritanomaly

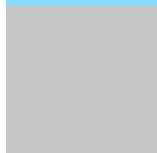
197.0220, 23.1602, -55.2703

Monochromacy



Original Color

198.2440, 26.5017, -53.7110



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.3980, 9.6638, -19.6430

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.2440, 26.5017, -53.7110 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(137, 219, 252)` looks like.

```
.text, #text, p{  
    color:rgb(137, 219, 252)  
}
```

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(137, 219, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 219, 252) }
```

Border

The CSS property to change the border of an element to YUV 198.2440, 26.5017, -53.7110 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(137, 219, 252) }
```


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

```
.border{ border-color:rgb(137, 219, 252) }
```

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

Here you see how a box with a 4 pixel rgb(137, 219, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 219, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 219, 252);  
box-shadow:4px 4px 4px 4px rgb(137, 219,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 198.2440, 26.5017, -53.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 219, 252) }
```

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

```
.background{ background-color: rgb(137,  
219, 252) }
```

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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