

Converting Colors

YUV(198.3750, 27.9161,
-40.6709)

Have a look what the booklet for
YUV(198.3750, 27.9161, -40.6709)
contains.

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Color

**YUV(198.3750, 27.9161,
-40.6709)**

Conversions

Conversions Part 1

Format	Color
Hex	98D3FF
RGB	152, 211, 255
RGB Percent	60%, 83%, 100%
CMY	0.4039, 0.1725, 0.0000
CMYK	0.40, 0.17, 0.00, 0.00
HSL	206°, 100%, 80%
HSV	206°, 40%, 100%
XYZ	54.2932, 60.4839, 103.4208
YIQ	198.3750, -49.2880, 1.1760

Conversions

Conversions Part 2

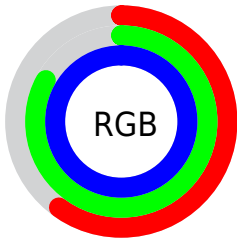
Format	Color
R_{YB}	152, 190, 255
Decimal	10015743
CIE _{Lab}	82.10, -7.98, -27.46
CIE _{LCh}	82, 28.596, 253.789
Yxy	60.4839, 0.2488, 0.2772
Android (android.graphics.Color)	4288205823 (0xFF98D3FF)
YUV	198.3750, 27.9161, -40.6709
Hunter-Lab	77.7714, -11.4870, -24.4041

Details

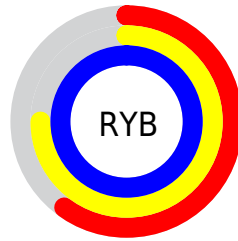
The YUV color **198.3750, 27.9161, -40.6709** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **208.6250, -27.9161, 40.6709**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2460, 6.7807, -28.2797**, and **143.4350, 26.9005, -41.6005** is the 20% darker color. If you saturate the color by 10%, you get **184.4430, 34.7846, -50.3775**, and if you desaturate by 10%, it is **212.6060, 20.9002, -30.3495**.

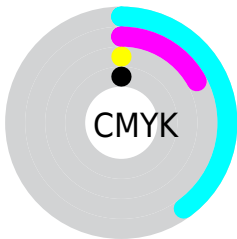
Distribution



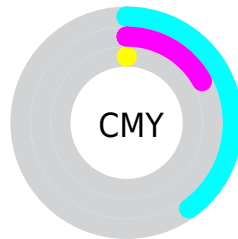
- Red (60%)
- Green (83%)
- Blue (100%)



- Red (60%)
- Yellow (75%)
- Blue (100%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.3750, 27.9161, -40.6709 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 198.3750, 27.9161, -40.6709 by changing the saturation by 10% instead.

■ 198.3750, 27.9161,
-40.6709

■ 198.3750, 27.9161,
-40.6709

■ 255.0000, 0.0000,
0.0000

■ 170.2610, 27.4793,
-40.5709

■ 241.2460, 6.7807,
-28.2797

■ 143.4350, 26.9005,
-41.6005

■ 250.2160, 2.3585,
-9.8364

■ 116.4240, 26.9060,
-43.3448

■ 88.5160, 27.3536,
-46.9335

■ 60.9990, 28.1015,
-53.4961

■ 44.6480, 23.8375,
-39.1563

■ 29.6990, 19.8684,

-26.0460

■ 14.7500, 15.8993,
-12.9358

■ 3.5510, 11.0674,
-3.1142

■ 198.3750, 27.9161,
-40.6709

■ 198.3750, 27.9161,
-40.6709

■ 184.4430, 34.7846,
-50.3775

■ 212.6060, 20.9002,
-30.3495

■ 170.2120, 41.8005,
-60.6989

■ 226.5380, 14.0318,
-20.6428

■ 156.2800, 48.6690,
-70.4056

■ 240.7690, 7.0159,
-10.3214

■ 142.0490, 55.6848,
-80.7270

■ 254.7010, 0.1474,
-0.6148

■ 128.4050, 62.4113, 255.0000, 0.0000,
-91.5632 0.0000

■ 114.7720, 69.1324,
-100.6550

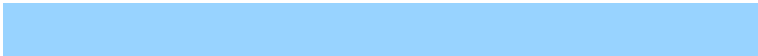
Harmonies

Analogous

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



193.0110, 23.1656, -57.0146



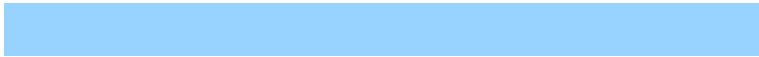
198.3750, 27.9161, -40.6709



204.1550, 25.0666, -13.2909

Triad

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



198.3750, 27.9161, -40.6709



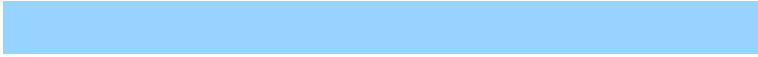
206.8420, -6.8241, 42.2346



198.5470, -16.5387, -15.3887

Complementary

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



198.3750, 27.9161, -40.6709



208.6250, -27.9161, 40.6709

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.



201.3390, -24.3241, 8.4727



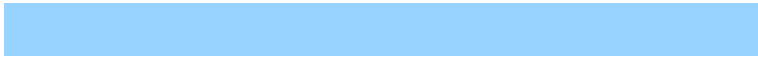
198.3750, 27.9161, -40.6709



206.0410, -18.7542, 42.0600

Square

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



198.3750, 27.9161, -40.6709



208.7130, 5.5645, 35.3317



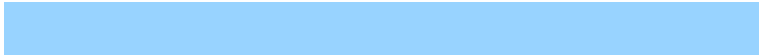
203.9440, -25.1154, 28.9901



194.5470, -3.2277, -38.1907

Rectangle

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



198.3750, 27.9161, -40.6709



207.1250, 20.6444, 5.1524



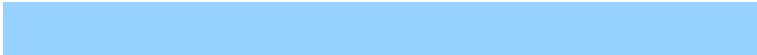
203.9440, -25.1154, 28.9901



199.6790, -20.0547, -7.6115

Sweetspot

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



198.3750, 27.9161, -40.6709



238.1000, 8.3317, -12.3657



217.3630, -11.0250, -57.3234



117.9220, 4.9685, -6.9476



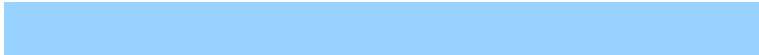
0.0000, 0.0000, 0.0000



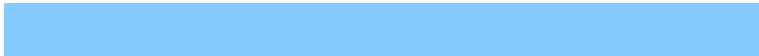
128.0000, 0.0000, 0.0000

Same Dimension

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



198.3750, 27.9161, -40.6709



187.9980, 33.0320, -48.2332



169.0250, 42.3857, -14.9309



120.5910, 3.6526, -4.9033



86.3440, 51.5954, -75.7237



29.0150, 17.2476, -25.4462

Inverse Universe

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



189.5230, 10.5882, 57.4233



177.4580, 12.5922, 68.0043



237.9750, -42.3857, 14.9309



119.6850, 1.1413, 7.2923



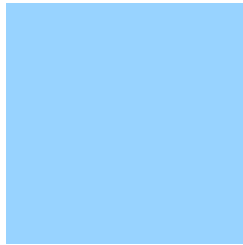
69.6490, 19.8930, 106.4248



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 198.3750, 27.9161, -40.6709 looks on a white background.

Color Contrast Check

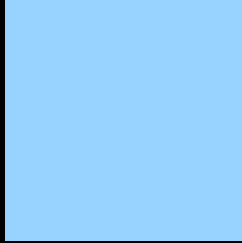
Large Text (above 18pt) WCAG AA × Fail

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 198.3750, 27.9161, -40.6709 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

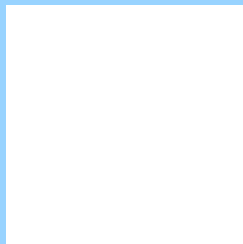
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.3750, 27.9161, -40.6709

Background



This preview shows how black text looks on a background with the YUV color 198.3750, 27.9161, -40.6709.



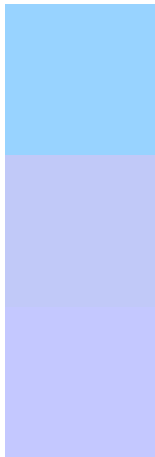
This preview shows how white text looks on a background with the YUV color 198.3750, 27.9161, -40.6709.

-40.6709.

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

198.3750, 27.9161, -40.6709

Protanopia

203.9660, 21.7088, -9.6172

Deuteranopia

205.0740, 24.6135, -7.9579



Tritanopia

196.3070, 17.5966, -44.1192

Trichromacy



Original Color

198.3750, 27.9161, -40.6709

Protanomaly

202.1710, 24.0727, -21.1980

Deuteranomaly

202.6380, 25.8145, -19.8535

Tritanomaly

197.2300, 21.0856, -43.1747

Monochromacy



Original Color

198.3750, 27.9161, -40.6709

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.2460, 10.2317, -15.1247

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.3750, 27.9161, -40.6709 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(152, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 211, 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(152, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 211, 255) }
```

Border

The CSS property to change the border of an element to YUV 198.3750, 27.9161, -40.6709 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(152, 211, 255) }
```


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

```
.border{ border-color:rgb(152, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 211,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 198.3750, 27.9161, -40.6709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 211, 255) }
```

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

```
.background{ background-color: rgb(152,  
211, 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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