

Converting Colors

YUV(195.3540, 26.4475,
-36.2675)

Have a look what the booklet for
YUV(195.3540, 26.4475, -36.2675)
contains.

YUV(195.3540, 26.4475, -36.2675)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(195.3540, 26.4475,
-36.2675)**

Conversions

Conversions Part 1

Format	Color
Hex	9ACEF9
RGB	154, 206, 249
RGB Percent	60%, 81%, 98%
CMY	0.3961, 0.1922, 0.0235
CMYK	0.38, 0.17, 0.00, 0.02
HSL	207°, 89%, 79%
HSV	207°, 38%, 98%
XYZ	52.4966, 57.8522, 98.0223
YIQ	195.3540, -44.7950, 2.3490

Conversions

Conversions Part 2

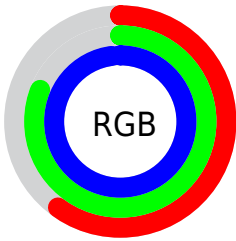
Format	Color
RYB	154, 188, 249
Decimal	10145529
CIELab	80.66, -6.39, -26.47
CIELCh	81, 27.226, 256.434
Yxy	57.8522, 0.2519, 0.2776
Android (android.graphics.Color)	4288335609 (0xFF9ACEF9)
YUV	195.3540, 26.4475, -36.2675
Hunter-Lab	76.0606, -9.9064, -23.1669

Details

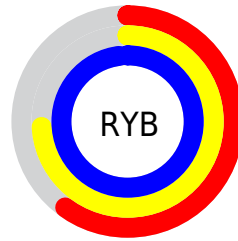
The YUV color **195.3540, 26.4475, -36.2675** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **207.6460, -26.4475, 36.2675**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8440, 6.4859, -27.0502**, and **140.7130, 25.2845, -36.5823** is the 20% darker color. If you saturate the color by 10%, you get **181.4220, 33.3160, -45.9741**, and if you desaturate by 10%, it is **209.2860, 19.5790, -26.5608**.

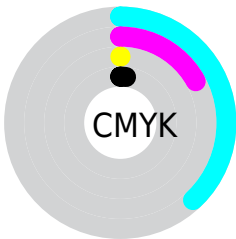
Distribution



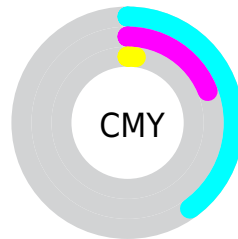
- Red (60%)
- Green (81%)
- Blue (98%)



- Red (60%)
- Yellow (74%)
- Blue (98%)



- Cyan (38%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.3540, 26.4475, -36.2675 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 195.3540, 26.4475, -36.2675 by changing the saturation by 10% instead.

■ 195.3540, 26.4475,
-36.2675

■ 195.3540, 26.4475,
-36.2675

255.0000, 0.0000,
0.0000

■ 167.8270, 25.7213,
-36.6823

■ 241.8440, 6.4859,
-27.0502

■ 140.7130, 25.2845,
-36.5823

■ 250.5150, 2.2111,
-9.2217

■ 114.0010, 25.1425,
-37.7119

■ 87.3920, 25.4427,
-40.6858

■ 58.0810, 27.0751,
-50.9370

■ 42.4310, 22.9585,
-37.2120

■ 26.7810, 18.8420,

-23.4869

■ 9.5980, 16.4672,
-8.4174

■ 2.9810, 8.8834,
-2.6143

■ 195.3540, 26.4475,
-36.2675

■ 195.3540, 26.4475,
-36.2675

■ 181.4220, 33.3160,
-45.9741

■ 209.2860, 19.5790,
-26.5608

■ 166.9030, 40.4738,
-55.1659

■ 223.8050, 12.4211,
-17.3690

■ 152.9710, 47.3423,
-64.8726

■ 237.7370, 5.5527,
-7.6623

■ 139.0390, 54.2108,
-74.5792

■ 251.6690, -1.3158,
2.0443

■ 125.1070, 61.0792,
-84.2858

■ 254.3160, -2.6208,
0.5999

■ 110.8870, 68.0897,
-92.8629

■ 108.2180, 69.4055,
-94.9072

Harmonies

Analogous

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



190.2180, 22.5705, -52.8112



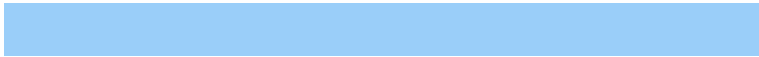
195.3540, 26.4475, -36.2675



201.1230, 23.6034, -10.6319

Triad

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



195.3540, 26.4475, -36.2675



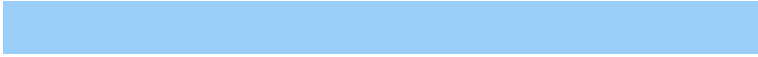
203.5000, -8.1345, 42.5345



194.5900, -15.0809, -16.3034

Complementary

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



195.3540, 26.4475, -36.2675



207.6460, -26.4475, 36.2675

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.



197.6700, -23.0083, 6.4284



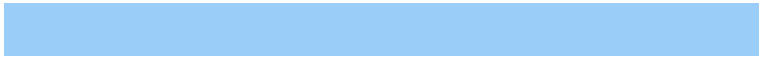
195.3540, 26.4475, -36.2675



202.3180, -18.8908, 39.1861

Square

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



195.3540, 26.4475, -36.2675



204.6590, 4.1121, 34.5021



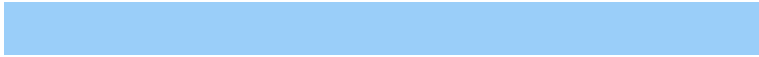
200.4490, -24.3784, 25.9162



191.1880, -2.0647, -37.8759

Rectangle

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



195.3540, 26.4475, -36.2675



203.2670, 18.6024, 6.7818



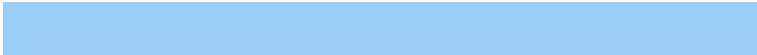
200.4490, -24.3784, 25.9162



195.5370, -18.0127, -9.2409

Sweetspot

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



195.3540, 26.4475, -36.2675



238.9970, 7.8895, -10.5214



214.6670, -8.7098, -53.2050



118.2210, 4.8210, -6.3328



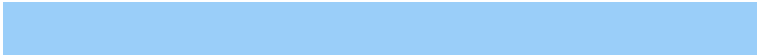
0.0000, 0.0000, 0.0000



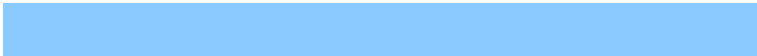
128.0000, 0.0000, 0.0000

Same Dimension

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



195.3540, 26.4475, -36.2675



188.9060, 32.5843, -44.6446



167.7650, 40.0489, -12.0719



117.5910, 3.6526, -4.9033



82.0070, 52.7475, -71.9201



26.3250, 17.0948, -23.0870

Inverse Universe

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



188.3330, 8.7098, 53.2050



180.2790, 10.7085, 65.5303



235.2350, -40.0489, 12.0719



116.6850, 1.1413, 7.2923



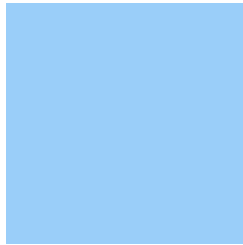
68.2530, 17.1303, 105.8951



22.0010, 5.4225, 34.2021

Previews

White Background



This preview shows how the YUV color 195.3540, 26.4475, -36.2675 looks on a white background.

Color Contrast Check

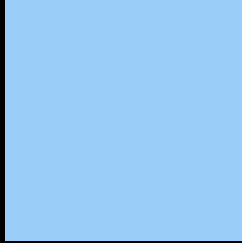
Large Text (above 18pt) WCAG AA × Fail

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 195.3540, 26.4475, -36.2675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

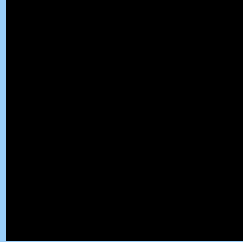
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

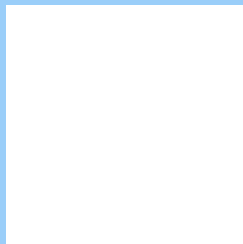
Any Text WCAG AAA ✓ Pass

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

YUV 195.3540, 26.4475, -36.2675 Background



This preview shows how black text looks on a background with the YUV color 195.3540, 26.4475, -36.2675.



This preview shows how white text looks on a background with the YUV color 195.3540, 26.4475,

-36.2675.

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

195.3540, 26.4475, -36.2675

Protanopia

200.4390, 20.9826, -10.0320

Deuteranopia

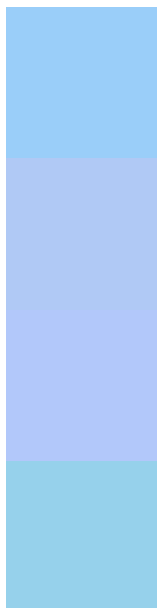
201.0740, 24.6135, -7.9579



Tritanopia

193.4000, 16.5648, -39.8158

Trichromacy



Original Color

195.3540, 26.4475, -36.2675

Protanomaly

198.5410, 22.9043, -19.7685

Deuteranomaly

199.1220, 25.0829, -18.5240

Tritanomaly

194.3230, 20.0538, -38.8713

Monochromacy



Original Color

195.3540, 26.4475, -36.2675

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.1430, 9.7895, -13.2804

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.3540, 26.4475, -36.2675 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(154, 206, 249)` looks like.

```
.text, #text, p{  
    color:rgb(154, 206, 249)  
}
```

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(154, 206, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 206, 249) }
```

Border

The CSS property to change the border of an element to YUV 195.3540, 26.4475, -36.2675 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(154, 206, 249) }
```


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

```
.border{ border-color:rgb(154, 206, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 206, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 206, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 206, 249); box-shadow:4px 4px 4px 4px rgb(154, 206, 249) }
```

Background

The CSS property to change the background color of an element to YUV 195.3540, 26.4475, -36.2675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 206, 249) }
```

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

```
.background{ background-color: rgb(154,  
206, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor