

Converting Colors

YUV(193.0540, 24.6234,
-57.9294)

Have a look what the booklet for
YUV(193.0540, 24.6234, -57.9294)
contains.

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Color

**YUV(193.0540, 24.6234,
-57.9294)**

Conversions

Conversions Part 1

Format	Color
Hex	7FD9F3
RGB	127, 217, 243
RGB Percent	50%, 85%, 95%
CMY	0.5020, 0.1490, 0.0471
CMYK	0.48, 0.11, 0.00, 0.05
HSL	193°, 83%, 73%
HSV	193°, 48%, 95%
XYZ	49.7429, 60.6088, 93.8710
YIQ	193.0540, -61.9860, -10.9940

Conversions

Conversions Part 2

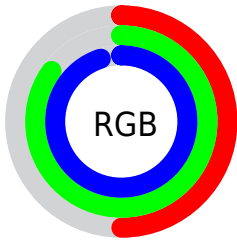
Format	Color
RYB	127, 178, 243
Decimal	8378867
CIELab	82.17, -20.20, -21.10
CIELCh	82, 29.209, 226.237
Yxy	60.6088, 0.2436, 0.2968
Android (android.graphics.Color)	4286568947 (0xFF7FD9F3)
YUV	193.0540, 24.6234, -57.9294
Hunter-Lab	77.8517, -22.1887, -16.9938

Details

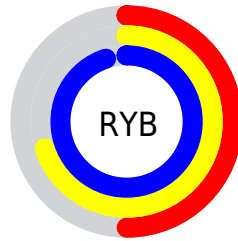
The YUV color **193.0540, 24.6234, -57.9294** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **176.9460, -24.6234, 57.9294**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0700, 10.3185, -43.0344**, and **136.4450, 24.9236, -60.9033** is the 20% darker color. If you saturate the color by 10%, you get **182.9430, 29.6081, -70.1100**, and if you desaturate by 10%, it is **203.1650, 19.6387, -45.7487**.

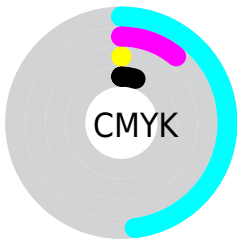
Distribution



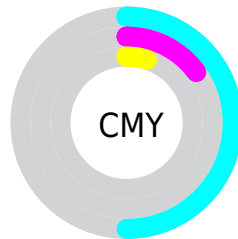
- Red (50%)
- Green (85%)
- Blue (95%)



- Red (50%)
- Yellow (70%)
- Blue (95%)



- Cyan (48%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (50%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.0540, 24.6234, -57.9294 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 193.0540, 24.6234, -57.9294 by changing the saturation by 10% instead.

■ 193.0540, 24.6234,
-57.9294

■ 193.0540, 24.6234,
-57.9294

■ 255.0000, 0.0000,
0.0000

■ 164.7550, 24.7708,
-58.5441

■ 234.0700, 10.3185,
-43.0344

■ 136.4450, 24.9236,
-60.9033

■ 243.0400, 5.8963,
-24.5911

■ 106.7430, 26.2557,
-68.1806

■ 252.0100, 1.4741,
-6.1478

■ 79.8460, 26.6979,
-70.0249

■ 62.7940, 22.2866,
-55.0703

■ 45.9700, 18.7488,
-40.3157

■ 30.4340, 15.0690,

-26.6906

■ 13.8380, 12.4049,
-12.1359

■ 2.5250, 7.1362,
-2.2144

■ 193.0540, 24.6234,
-57.9294

■ 193.0540, 24.6234,
-57.9294

■ 182.9430, 29.6081,
-70.1100

■ 203.1650, 19.6387,
-45.7487

■ 171.9460, 35.0296,
-82.3906

■ 214.1620, 14.2171,
-33.4681

■ 161.8350, 40.0143,
-94.5713

■ 224.2730, 9.2324,
-21.2874

■ 151.1370, 45.2885,
-106.2371

■ 234.9710, 3.9583,
-9.6216

■ 141.0260, 50.2732,
-118.4178

■ 245.0820, -1.0264,
2.5591

■ 138.6450, 51.4470,
-121.5917

■ 250.6970, -3.7946,
3.7737

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

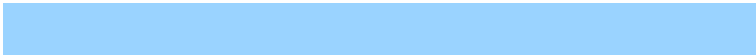
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



191.7800, 13.4195, -57.6891



193.0540, 24.6234, -57.9294



198.9730, 27.6213, -39.4413

Triad

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



193.0540, 24.6234, -57.9294



209.0830, 4.3961, 36.7612



201.2140, -24.7555, 6.8283

Complementary

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



193.0540, 24.6234, -57.9294



176.9460, -24.6234, 57.9294

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.



204.1180, -25.6942, 27.9605



193.0540, 24.6234, -57.9294



206.5000, -8.1345, 42.5345

Square

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



193.0540, 24.6234, -57.9294



208.1650, 16.6807, 16.5183



206.4000, -19.9172, 41.7452



198.3510, -15.9490, -17.8478

Rectangle

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



193.0540, 24.6234, -57.9294



202.9260, 25.6725, -20.9831



206.4000, -19.9172, 41.7452



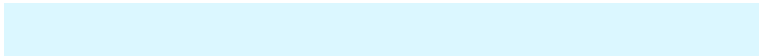
202.3290, -25.7982, 14.6205

Sweetspot

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



193.0540, 24.6234, -57.9294



239.5400, 7.6218, -18.0136



197.9420, -22.6494, -62.2161



118.4870, 4.6899, -10.9511



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.



193.0540, 24.6234, -57.9294



192.2740, 30.9239, -72.1543



159.5950, 41.1187, -28.5858



117.2380, 2.3477, -6.3477



105.7320, 39.5721, -92.7270



33.7280, 12.4591, -29.5795

Inverse Universe

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



171.9440, 22.2126, 62.3161



166.1230, 27.5474, 77.9451



210.4050, -41.1187, 28.5858



114.7280, 2.5991, 6.3775



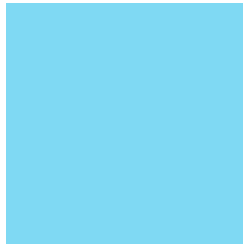
72.0300, 35.4812, 99.9517



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 193.0540, 24.6234, -57.9294 looks on a white background.

Color Contrast Check

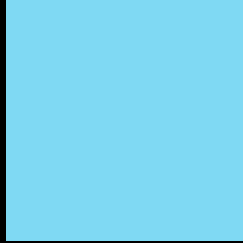
Large Text (above 18pt) WCAG AA × Fail

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 193.0540, 24.6234, -57.9294 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

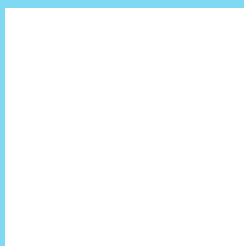
Any Text WCAG AAA ✓ Pass

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

YUV 193.0540, 24.6234, -57.9294 Background



This preview shows how black text looks on a background with the YUV color 193.0540, 24.6234, -57.9294.



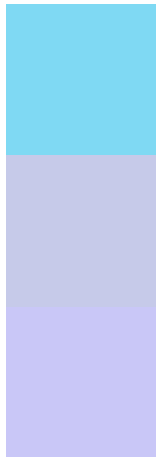
This preview shows how white text looks on a background with the YUV color 193.0540, 24.6234, -57.9294.

-57.9294.

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

193.0540, 24.6234, -57.9294

Protanopia

204.3380, 14.1304, -5.5584

Deuteranopia

205.0700, 20.6715, -3.5694



Tritanopia

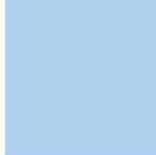
192.2450, 21.5712, -58.9739

Trichromacy



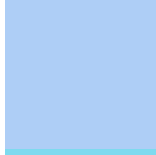
Original Color

193.0540, 24.6234, -57.9294



Protanomaly

199.9550, 18.2632, -24.5165



Deuteranomaly

200.9920, 22.1889, -23.6720



Tritanomaly

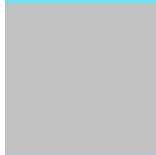
192.8860, 22.7342, -58.6590

Monochromacy



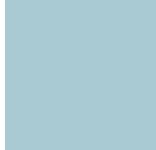
Original Color

193.0540, 24.6234, -57.9294



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.1590, 8.7956, -21.1874

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.0540, 24.6234, -57.9294 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(127, 217, 243)` looks like.

```
.text, #text, p{  
    color:rgb(127, 217, 243)  
}
```

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(127, 217, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 217, 243) }
```

Border

The CSS property to change the border of an element to YUV 193.0540, 24.6234, -57.9294 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(127, 217, 243) }
```


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

```
.border{ border-color:rgb(127, 217, 243) }
```

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

Here you see how a box with a 4 pixel rgb(127, 217, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 217, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 217, 243);  
box-shadow:4px 4px 4px 4px rgb(127, 217,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 193.0540, 24.6234, -57.9294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 217, 243) }
```

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

```
.background{ background-color: rgb(127,  
217, 243) }
```

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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