

Converting Colors

YUV(193.1990, 28.0029,
-68.5805)

Have a look what the booklet for
YUV(193.1990, 28.0029, -68.5805)
contains.

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Color

**YUV(193.1990, 28.0029,
-68.5805)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 73DEFA |
| RGB | 115, 222, 250 |
| RGB Percent | 45%, 87%, 98% |
| CMY | 0.5490, 0.1294, 0.0196 |
| CMYK | 0.54, 0.11, 0.00, 0.02 |
| HSL | 192°, 93%, 72% |
| HSV | 192°, 54%, 98% |
| XYZ | 50.4468, 62.7895, 99.9032 |
| YIQ | 193.1990, -72.7600, -13.9760 |

Conversions

Conversions Part 2

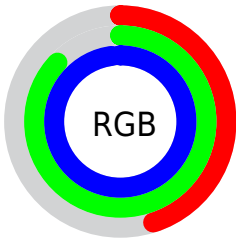
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 115, 175, 250 |
| Decimal | 7593722 |
| CIELab | 83.33, -23.33, -23.08 |
| CIELCh | 83, 32.817, 224.698 |
| Yxy | 62.7895, 0.2367, 0.2946 |
| Android (android.graphics.Color) | 4285783802 (0xFF73DEFA) |
| YUV | 193.1990, 28.0029, -68.5805 |
| Hunter-Lab | 79.2398, -25.0304, -19.2832 |

Details

The YUV color **193.1990, 28.0029, -68.5805** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **171.8010, -28.0029, 68.5805**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, 11.7926, -49.1822**, and **134.0840, 29.0456, -76.3727** is the 20% darker color. If you saturate the color by 10%, you get **182.7890, 33.1350, -81.3760**, and if you desaturate by 10%, it is **203.6090, 22.8708, -55.7851**.

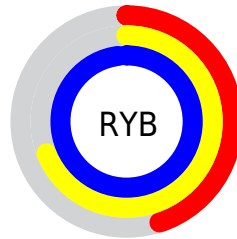
Distribution



Red (45%)

Green (87%)

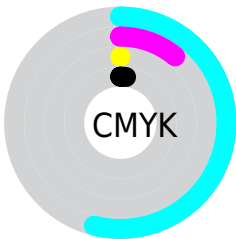
Blue (98%)



Red (45%)

Yellow (69%)

Blue (98%)

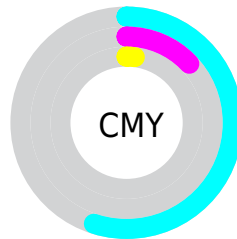


Cyan (54%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (55%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.1990, 28.0029, -68.5805 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 193.1990, 28.0029, -68.5805 by changing the saturation by 10% instead.

■ 193.1990, 28.0029,
-68.5805

■ 193.1990, 28.0029,
-68.5805

■ 255.0000, 0.0000,
0.0000

■ 163.8890, 28.1557,
-70.9397

■ 231.0800, 11.7926,
-49.1822

■ 134.0840, 29.0456,
-76.3727

■ 240.0500, 7.3704,
-30.7388

■ 101.1040, 31.9937,
-88.6682

■ 249.3190, 2.8007,
-11.6808

■ 82.8780, 28.1611,
-72.6840

■ 65.8260, 23.7498,
-57.7294

■ 49.0020, 20.2120,
-42.9748

■ 32.7650, 16.3849,

-28.7349

■ 17.9300, 12.8525,
-15.7246

■ 3.2090, 9.7570,
-2.8143

■ 193.1990, 28.0029,
-68.5805

■ 193.1990, 28.0029,
-68.5805

■ 182.7890, 33.1350,
-81.3760

■ 203.6090, 22.8708,
-55.7851

■ 172.3790, 38.2672,
-94.1714

■ 214.0190, 17.7386,
-42.9897

■ 161.3820, 43.6887,
-106.4520

■ 225.0160, 12.3171,
-30.7090

■ 150.9720, 48.8208,
-119.2474

■ 235.4260, 7.1850,
-17.9136

■ 144.7260, 51.9001,
-126.9247

■ 245.8360, 2.0529,
-5.1182

■ 253.2560, -1.6052,
1.5295

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

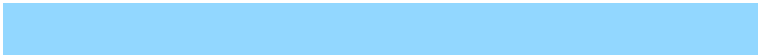
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192.3660, 14.6096, -66.0960



193.1990, 28.0029, -68.5805



198.9290, 27.6430, -46.4187

Triad

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



193.1990, 28.0029, -68.5805



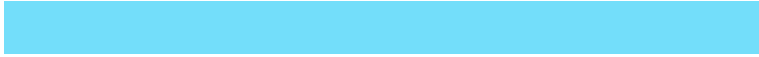
211.6640, 6.5746, 38.0057



204.6010, -28.3973, 8.2429

Complementary

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



193.1990, 28.0029, -68.5805



171.8010, -28.0029, 68.5805

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.



207.3420, -28.7626, 32.1491



193.1990, 28.0029, -68.5805



206.8420, -6.8241, 42.2346

Square

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



193.1990, 28.0029, -68.5805



211.6750, 19.8802, 16.9480



207.2860, -20.3540, 41.8452



200.6560, -18.5644, -18.9923

Rectangle

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



193.1990, 28.0029, -68.5805



204.0780, 25.1045, -25.5014



207.2860, -20.3540, 41.8452



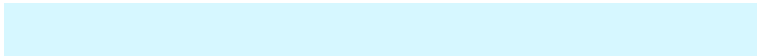
205.4280, -29.2980, 17.1646

Sweetspot

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



193.1990, 28.0029, -68.5805



238.0450, 8.3588, -21.0875



197.3230, -27.2742, -72.1973



117.0030, 5.4215, -12.2806



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.



193.1990, 28.0029, -68.5805



185.4080, 34.3089, -84.5498



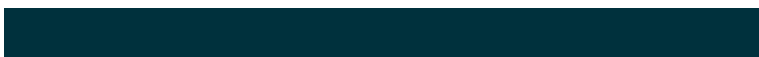
153.8700, 47.3921, -34.0890



119.3520, 2.7845, -6.4477



109.5960, 39.1462, -96.1157



35.7170, 12.4645, -31.3238

Inverse Universe

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



167.5630, 26.8374, 72.2972



153.6820, 33.1878, 88.8559



211.1300, -47.3921, 34.0890



117.0270, 2.4517, 6.9923



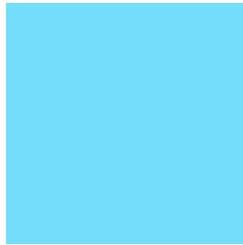
73.6110, 37.6598, 101.1962



23.8250, 12.4113, 32.6025

Previews

White Background



This preview shows how the YUV color 193.1990, 28.0029, -68.5805 looks on a white background.

Color Contrast Check

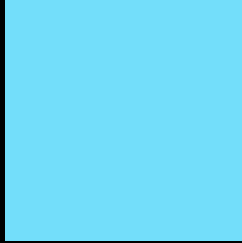
Large Text (above 18pt) WCAG AA × Fail

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 193.1990, 28.0029, -68.5805 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 193.1990, 28.0029, -68.5805

Background



This preview shows how black text looks on a background with the YUV color 193.1990, 28.0029, -68.5805.



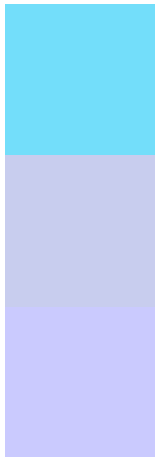
This preview shows how white text looks on a background with the YUV color 193.1990, 28.0029, -68.5805.

-68.5805.

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

193.1990, 28.0029, -68.5805

Protanopia

207.2670, 15.1514, -6.3732

Deuteranopia

207.9280, 22.7135, -5.1989



Tritanopia

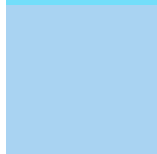
191.8630, 24.2245, -70.0399

Trichromacy



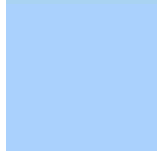
Original Color

193.1990, 28.0029, -68.5805



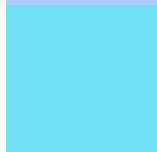
Protanomaly

201.9760, 19.7318, -28.9200



Deuteranomaly

202.3550, 24.9680, -28.3753



Tritanomaly

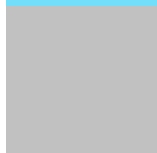
192.5040, 25.3875, -69.7250

Monochromacy



Original Color

193.1990, 28.0029, -68.5805



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.4790, 10.1169, -24.9761

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.1990, 28.0029, -68.5805 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(115, 222, 250)` looks like.

```
.text, #text, p{  
    color:rgb(115, 222, 250)  
}
```

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(115, 222, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 222, 250) }
```

Border

The CSS property to change the border of an element to YUV 193.1990, 28.0029, -68.5805 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(115, 222, 250) }
```


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

```
.border{ border-color:rgb(115, 222, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 222, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 222, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 222, 250); box-shadow:4px 4px 4px 4px rgb(115, 222, 250) }
```

Background

The CSS property to change the background color of an element to YUV 193.1990, 28.0029, -68.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 222, 250) }
```

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

```
.background{ background-color: rgb(115,  
222, 250) }
```

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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