

Converting Colors

YUV(166.1980, 42.7934,
-99.2746)

Have a look what the booklet for
YUV(166.1980, 42.7934, -99.2746)
contains.

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Color

**YUV(166.1980, 42.7934,
-99.2746)**

Conversions

Conversions Part 1

Format	Color
Hex	35CFFD
RGB	53, 207, 253
RGB Percent	21%, 81%, 99%
CMY	0.7922, 0.1882, 0.0078
CMYK	0.79, 0.18, 0.00, 0.01
HSL	194°, 98%, 60%
HSV	194°, 79%, 99%
XYZ	41.5106, 52.4744, 100.8692
YIQ	166.1980, -106.5500, -18.3420

Conversions

Conversions Part 2

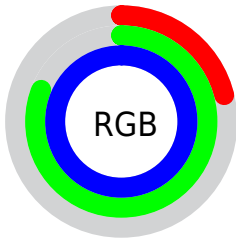
Format	Color
R _{YB}	53, 140, 253
Decimal	3526653
CIE Lab	77.56, -23.94, -33.65
CIE LCh	78, 41.297, 234.573
Yxy	52.4744, 0.2130, 0.2693
Android (android.graphics.Color)	4281716733 (0xFF35CFFD)
YUV	166.1980, 42.7934, -99.2746
Hunter-Lab	72.4392, -24.4808, -31.8520

Details

The YUV color **166.1980, 42.7934, -99.2746** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **139.8020, -42.7934, 99.2746**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6250, 18.4259, -76.8471**, and **111.5680, 41.6250, -97.8451** is the 20% darker color. If you saturate the color by 10%, you get **155.2010, 48.2149, -111.5553**, and if you desaturate by 10%, it is **177.1950, 37.3719, -86.9940**.

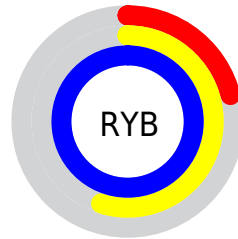
Distribution



Red (21%)

Green (81%)

Blue (99%)



Red (21%)

Yellow (55%)

Blue (99%)

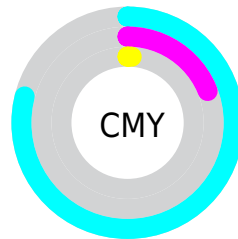


Cyan (79%)

Magenta (18%)

Yellow (0%)

Black (1%)



Cyan (79%)

Magenta (19%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.1980, 42.7934, -99.2746 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 166.1980, 42.7934, -99.2746 by changing the saturation by 10% instead.

166.1980, 42.7934,
-99.2746

166.1980, 42.7934,
-99.2746

255.0000, 0.0000,
0.0000

130.6090, 46.0418,
-114.5441

217.6250, 18.4259,
-76.8471

111.5680, 41.6250,
-97.8451

227.4920, 13.5614,
-56.5595

93.2280, 37.3556,
-81.7610

237.0600, 8.8444,
-36.8866

75.4750, 32.7968,
-66.1916

246.6280, 4.1274,
-17.2138

58.4230, 28.3855,
-51.2370

42.1860, 24.5583,
-36.9971

27.7100, 19.8630,

-24.3017

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 166.1980, 42.7934,
-99.2746

■ 166.1980, 42.7934,
-99.2746

■ 155.2010, 48.2149,
-111.5553

■ 177.1950, 37.3719,
-86.9940

■ 143.9050, 53.7838,
-124.4507

■ 188.4910, 31.8029,
-74.0986

■ 143.3070, 54.0786,
-125.6802

■ 198.9010, 26.6708,
-61.3032

■ 209.8980, 21.2493,
-49.0225

■ 221.1940, 15.6804,
-36.1271

■ 232.1910, 10.2588,
-23.8465

■ 243.1880, 4.8373,
-11.5659

254.1850, -0.5842,
0.7148

254.7720, -0.8736,
0.2000

Harmonies

Analogous

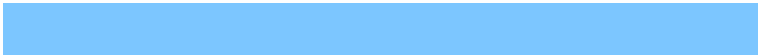
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



158.7220, 31.1961, -112.8892



166.1980, 42.7934, -99.2746



182.3720, 35.8056, -51.1922

Triad

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



166.1980, 42.7934, -99.2746



194.1390, 2.8895, 53.3751



185.9220, -32.0065, -0.8086

Complementary

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



166.1980, 42.7934, -99.2746



139.8020, -42.7934, 99.2746

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.



189.5560, -36.7561, 29.3304



166.1980, 42.7934, -99.2746



190.9810, -14.2876, 56.1447

Square

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



166.1980, 42.7934, -99.2746



197.0620, 19.6894, 31.5176



192.4200, -30.2801, 52.2517



180.0130, -16.7684, -35.0914

Rectangle

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



166.1980, 42.7934, -99.2746



189.9460, 32.0716, -20.1236



192.4200, -30.2801, 52.2517



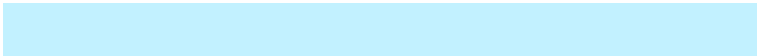
186.8910, -34.9493, 9.7426

Sweetspot

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



166.1980, 42.7934, -99.2746



228.5430, 13.0433, -30.2942



175.3020, -39.0959, -107.2589



111.6540, 8.0586, -18.1136



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.



166.1980, 42.7934, -99.2746



149.7700, 51.8784, -119.9473



109.2590, 70.8643, -49.3391



122.3520, 2.7845, -6.4477



108.0630, 40.8879, -94.7713



36.0590, 13.7749, -31.6237

Inverse Universe

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



130.3560, 37.7855, 107.5588



106.5620, 45.5719, 130.1801



196.7410, -70.8643, 49.3391



120.0270, 2.4517, 6.9923



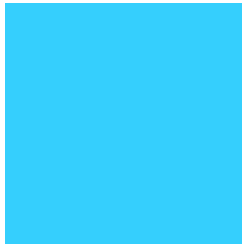
73.8670, 36.0546, 102.7256



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 166.1980, 42.7934, -99.2746 looks on a white background.

Color Contrast Check

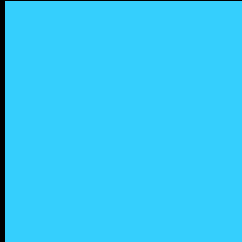
Large Text (above 18pt) WCAG AA × Fail

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 166.1980, 42.7934, -99.2746 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 166.1980, 42.7934, -99.2746 Background



This preview shows how black text looks on a background with the YUV color 166.1980, 42.7934, -99.2746.



This preview shows how white text looks on a background with the YUV color 166.1980, 42.7934, -99.2746.

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

166.1980, 42.7934, -99.2746

Protanopia

190.5250, 23.8982, -11.8614

Deuteranopia

190.8540, 31.6240, -16.5350



Tritanopia

154.9320, 36.0225, -120.9664

Trichromacy



Original Color

166.1980, 42.7934, -99.2746

Protanomaly

181.7490, 30.6897, -43.6299

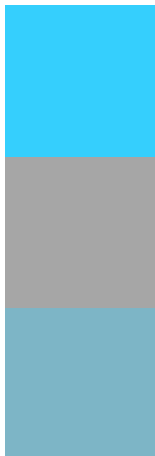
Deuteranomaly

181.9920, 35.4999, -46.4740

Tritanomaly

159.2580, 38.3268, -113.3593

Monochromacy



Original Color

166.1980, 42.7934, -99.2746

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1940, 15.6804, -36.1271

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.1980, 42.7934, -99.2746 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(53, 207, 253)` looks like.

```
.text, #text, p{  
    color:rgb(53, 207, 253)  
}
```

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(53, 207, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 207, 253) }
```

Border

The CSS property to change the border of an element to YUV 166.1980, 42.7934, -99.2746 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(53, 207, 253) }
```


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

```
.border{ border-color:rgb(53, 207, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 207, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 207, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 207, 253);  
box-shadow:4px 4px 4px 4px rgb(53, 207,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 166.1980, 42.7934, -99.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 207, 253) }
```

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

```
.background{ background-color: rgb(53, 207,  
253) }
```

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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