

Converting Colors

YUV(188.2660, 32.8999,
-99.3343)

Have a look what the booklet for
YUV(188.2660, 32.8999, -99.3343)
contains.

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Color

**YUV(188.2660, 32.8999,
-99.3343)**

Conversions

Conversions Part 1

Format	Color
Hex	4BE9FF
RGB	75, 233, 255
RGB Percent	29%, 91%, 100%
CMY	0.7059, 0.0863, 0.0000
CMYK	0.71, 0.09, 0.00, 0.00
HSL	187°, 100%, 65%
HSV	187°, 71%, 100%
XYZ	50.0906, 66.9937, 104.8988
YIQ	188.2660, -101.2300, -26.6540

Conversions

Conversions Part 2

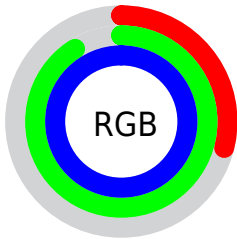
Format	Color
RYB	75, 159, 255
Decimal	4975103
CIELab	85.50, -33.63, -22.53
CIELCh	86, 40.481, 213.816
Yxy	66.9937, 0.2257, 0.3018
Android (android.graphics.Color)	4283165183 (0xFF4BE9FF)
YUV	188.2660, 32.8999, -99.3343
Hunter-Lab	81.8497, -33.9980, -18.6915

Details

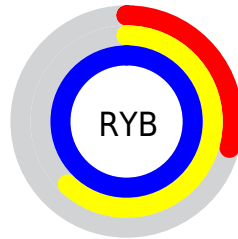
The YUV color **188.2660, 32.8999, -99.3343** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **141.7340, -32.8999, 99.3343**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4090, 16.0674, -67.0107**, and **126.4710, 35.2638, -110.9151** is the 20% darker color. If you saturate the color by 10%, you get **179.0300, 37.4532, -113.1593**, and if you desaturate by 10%, it is **197.8010, 28.1991, -84.8945**.

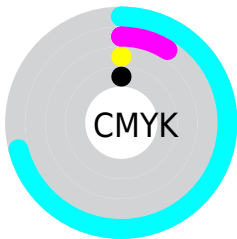
Distribution



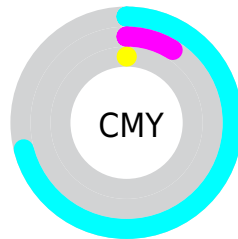
- Red (29%)
- Green (91%)
- Blue (100%)



- Red (29%)
- Yellow (62%)
- Blue (100%)



- Cyan (71%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2660, 32.8999, -99.3343 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 188.2660, 32.8999, -99.3343 by changing the saturation by 10% instead.

188.2660, 32.8999,
-99.3343

188.2660, 32.8999,
-99.3343

255.0000, 0.0000,
0.0000

150.5840, 37.1801,
-118.9072

222.4090, 16.0674,
-67.0107

126.4710, 35.2638,
-110.9151

231.9770, 11.3503,
-47.3378

107.5440, 31.2838,
-94.3161

241.5450, 6.6333,
-27.6650

89.2040, 27.0144,
-78.2319

250.8140, 2.0637,
-8.6069

71.0920, 23.6186,
-62.3477

54.1540, 19.6441,
-47.4931

37.3300, 16.1063,

-32.7384

■ 22.4950, 12.5740,
-19.7281

■ 3.6650, 11.5042,
-3.2142

■ 188.2660, 32.8999,
-99.3343

■ 188.2660, 32.8999,
-99.3343

■ 179.0300, 37.4532,
-113.1593

■ 197.8010, 28.1991,
-84.8945

■ 169.4950, 42.1540,
-127.5991

■ 207.0370, 23.6458,
-71.0694

■ 160.5580, 46.5599,
-140.8094

■ 216.5720, 18.9450,
-56.6296

■ 225.8080, 14.3917,
-42.8046

■ 235.9300, 9.4015,
-28.8796

■ 245.1660, 4.8482,
-15.0546

254.7010, 0.1474,
-0.6148

255.0000, 0.0000,
0.0000

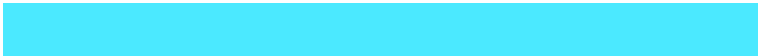
Harmonies

Analogous

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



193.1810, 11.7428, -79.9657



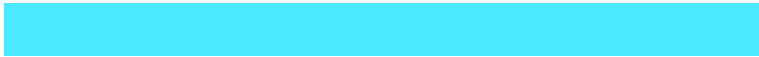
188.2660, 32.8999, -99.3343



194.6110, 29.7718, -75.9578

Triad

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



188.2660, 32.8999, -99.3343



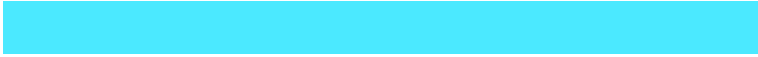
216.0470, 15.7528, 34.1618



210.9140, -36.4396, 21.1234

Complementary

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



188.2660, 32.8999, -99.3343



141.7340, -32.8999, 99.3343

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.



210.2890, -31.6945, 39.2115



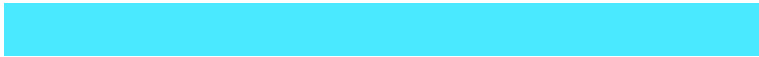
188.2660, 32.8999, -99.3343



208.1930, 0.8909, 41.0497

Square

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



188.2660, 32.8999, -99.3343



214.9190, 19.7599, 8.8410



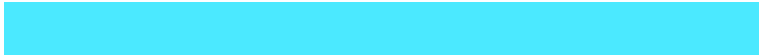
206.9100, -16.7176, 42.1749



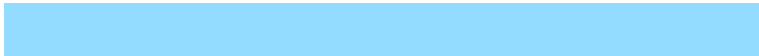
206.4800, -28.3376, -10.9450

Rectangle

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



188.2660, 32.8999, -99.3343



202.4620, 25.9012, -47.7632



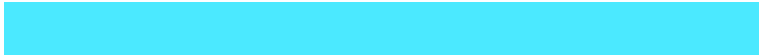
206.9100, -16.7176, 42.1749



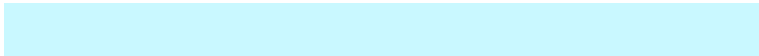
212.1540, -37.0509, 30.5599

Sweetspot

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



188.2660, 32.8999, -99.3343



234.7450, 9.9857, -29.5944



183.0540, -42.9176, -94.7634



116.0840, 5.8746, -17.6137



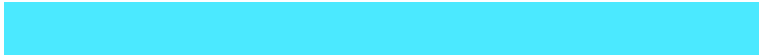
0.0000, 0.0000, 0.0000



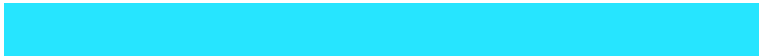
128.0000, 0.0000, 0.0000

Same Dimension

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



188.2660, 32.8999, -99.3343



174.8550, 39.5115, -120.0218



136.0230, 58.6557, -53.5172



122.9390, 2.4951, -6.9625



120.3900, 34.8107, -105.5820



40.1680, 11.7492, -35.2273

Inverse Universe

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



146.8320, 42.4808, 94.8633



124.6570, 51.4411, 114.3108



193.9770, -58.6557, 53.5172



120.1410, 2.8885, 6.8923



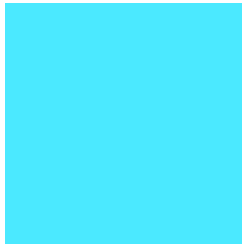
76.2610, 45.2273, 100.6261



25.5200, 15.0266, 33.7470

Previews

White Background



This preview shows how the YUV color 188.2660, 32.8999, -99.3343 looks on a white background.

Color Contrast Check

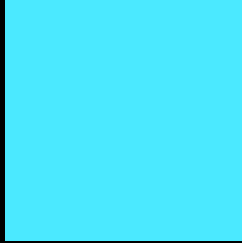
Large Text (above 18pt) WCAG AA × Fail

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 188.2660, 32.8999, -99.3343 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 188.2660, 32.8999, -99.3343 Background



This preview shows how black text looks on a background with the YUV color 188.2660, 32.8999, -99.3343.



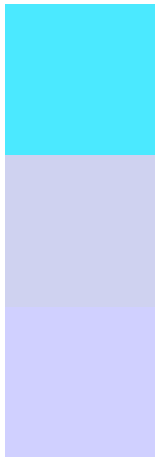
This preview shows how white text looks on a background with the YUV color 188.2660, 32.8999, -99.3343.

-99.3343.

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

188.2660, 32.8999, -99.3343

Protanopia

212.5230, 13.5462, -4.8437

Deuteranopia

213.3580, 20.5295, -4.6990



Tritanopia

187.3260, 31.8843, -100.2639

Trichromacy



Original Color

188.2660, 32.8999, -99.3343



Protanomaly

203.4370, 20.4906, -38.9712



Deuteranomaly

204.2890, 25.0005, -38.8415



Tritanomaly

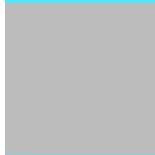
187.7390, 32.1737, -99.7491

Monochromacy



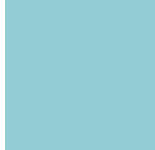
Original Color

188.2660, 32.8999, -99.3343



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.8690, 11.8966, -35.8421

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2660, 32.8999, -99.3343 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(75, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(75, 233, 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(75, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 233, 255) }
```

Border

The CSS property to change the border of an element to YUV 188.2660, 32.8999, -99.3343 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(75, 233, 255) }
```


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

```
.border{ border-color:rgb(75, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(75, 233,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 188.2660, 32.8999, -99.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 233, 255) }
```

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

```
.background{ background-color: rgb(75, 233,  
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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