

Converting Colors

YUV(184.4140, 28.3899,
-99.4641)

Have a look what the booklet for
YUV(184.4140, 28.3899, -99.4641)
contains.

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Color

**YUV(184.4140, 28.3899,
-99.4641)**

Conversions

Conversions Part 1

Format	Color
Hex	47E7F2
RGB	71, 231, 242
RGB Percent	28%, 91%, 95%
CMY	0.7216, 0.0941, 0.0510
CMYK	0.71, 0.05, 0.00, 0.05
HSL	184°, 87%, 61%
HSV	184°, 71%, 95%
XYZ	47.2015, 64.9022, 94.0440
YIQ	184.4140, -98.8910, -30.4990

Conversions

Conversions Part 2

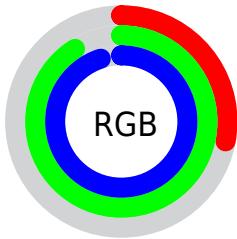
Format	Color
R_{YB}	71, 154, 242
Decimal	4712434
CIE _{Lab}	84.43, -36.95, -17.31
CIE _{LCh}	84, 40.803, 205.097
Yxy	64.9022, 0.2290, 0.3148
Android (android.graphics.Color)	4282902514 (0xFF47E7F2)
YUV	184.4140, 28.3899, -99.4641
Hunter-Lab	80.5619, -36.3997, -12.8189

Details

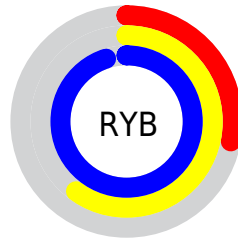
The YUV color **184.4140, 28.3899, -99.4641** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **128.5860, -28.3899, 99.4641**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2130, 16.6570, -69.4698**, and **123.9290, 30.6010, -108.6857** is the 20% darker color. If you saturate the color by 10%, you get **176.0640, 32.5064, -113.1891**, and if you desaturate by 10%, it is **192.7640, 24.2733, -85.7390**.

Distribution



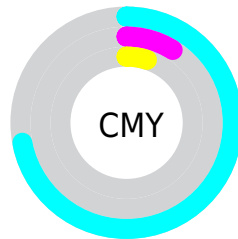
- Red (28%)
- Green (91%)
- Blue (95%)



- Red (28%)
- Yellow (60%)
- Blue (95%)



- Cyan (71%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (72%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.4140, 28.3899, -99.4641 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 184.4140, 28.3899, -99.4641 by changing the saturation by 10% instead.

184.4140, 28.3899,
-99.4641

184.4140, 28.3899,
-99.4641

255.0000, 0.0000,
0.0000

145.0520, 33.9914,
-122.8256

221.2130, 16.6570,
-69.4698

123.9290, 30.6010,
-108.6857

230.7810, 11.9400,
-49.7969

105.0020, 26.6210,
-92.0868

240.0500, 7.3704,
-30.7388

86.7760, 22.7884,
-76.1026

249.6180, 2.6533,
-11.0660

68.6640, 19.3926,
-60.2183

51.7260, 15.4181,
-45.3637

35.0160, 12.3171,

-30.7090

■ 19.7080, 9.5110,
-17.2839

■ 2.5250, 7.1362,
-2.2144

■ 184.4140, 28.3899,
-99.4641

■ 184.4140, 28.3899,
-99.4641

■ 176.0640, 32.5064,
-113.1891

■ 192.7640, 24.2733,
-85.7390

■ 168.3010, 36.3336,
-127.4290

■ 200.5270, 20.4462,
-71.4992

■ 160.2500, 40.3027,
-140.5393

■ 209.1760, 16.1822,
-57.1594

■ 216.9390, 12.3551,
-42.9195

■ 225.2890, 8.2385,
-29.1945

■ 233.0520, 4.4114,
-14.9546

■ 241.4020, 0.2948,
-1.2296

■ 246.4740, -2.2057,
7.4773

■ 247.6480, -2.7845,
6.4477

Harmonies

Analogous

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



191.9280, 5.4585, -70.9739



184.4140, 28.3899, -99.4641



187.7450, 33.1567, -88.3534

Triad

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



184.4140, 28.3899, -99.4641



216.5460, 18.9578, 32.8472



208.8550, -36.9035, 29.9452

Complementary

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



184.4140, 28.3899, -99.4641



128.5860, -28.3899, 99.4641

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.



206.5220, -28.3583, 42.5152



184.4140, 28.3899, -99.4641



208.0450, 5.4008, 41.1795

Square

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



184.4140, 28.3899, -99.4641



210.1240, 22.1239, -2.7397



204.1860, -11.9237, 44.5639



204.6230, -31.8591, -1.4234

Rectangle

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



184.4140, 28.3899, -99.4641



195.8840, 29.1442, -61.2883



204.1860, -11.9237, 44.5639



210.1380, -36.0570, 38.4670

Sweetspot

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



184.4140, 28.3899, -99.4641



237.0930, 8.8282, -31.6536



172.4030, -45.5547, -88.9304



116.6710, 5.5852, -18.1285



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.



184.4140, 28.3899, -99.4641



181.8990, 36.0388, -126.1994



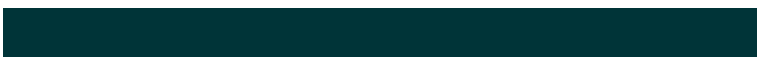
135.6930, 52.4094, -56.7358



115.8250, 2.0583, -6.8625



121.9400, 30.5956, -106.9414



36.9080, 9.4124, -32.3683

Inverse Universe

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



140.3690, 44.6811, 89.1304



126.0250, 56.6827, 113.1111



177.3070, -52.4094, 56.7358



112.8420, 3.0359, 6.2776



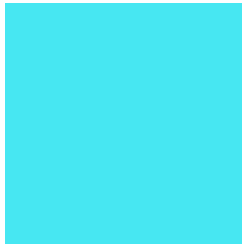
74.6240, 48.0064, 95.9228



22.6720, 14.4587, 29.2287

Previews

White Background



This preview shows how the YUV color 184.4140, 28.3899, -99.4641 looks on a white background.

Color Contrast Check

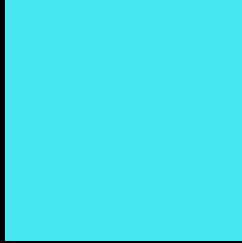
Large Text (above 18pt) WCAG AA × Fail

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 184.4140, 28.3899, -99.4641 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 184.4140, 28.3899, -99.4641 Background



This preview shows how black text looks on a background with the YUV color 184.4140, 28.3899, -99.4641.



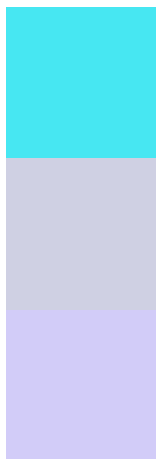
This preview shows how white text looks on a background with the YUV color 184.4140, 28.3899, -99.4641.

-99.4641.

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

184.4140, 28.3899, -99.4641

Protanopia

209.8670, 8.4466, -2.5144

Deuteranopia

210.8100, 18.3347, -0.7104



Tritanopia

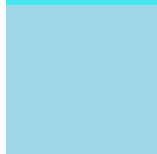
185.8210, 31.1472, -97.1900

Trichromacy



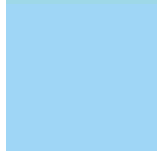
Original Color

184.4140, 28.3899, -99.4641



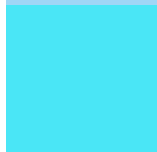
Protanomaly

200.4820, 15.5384, -37.2567



Deuteranomaly

201.2030, 22.0849, -37.0120



Tritanomaly

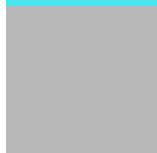
185.1800, 29.9843, -97.5049

Monochromacy



Original Color

184.4140, 28.3899, -99.4641



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.1140, 10.2968, -36.0570

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.4140, 28.3899, -99.4641 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(71, 231, 242)` looks like.

```
.text, #text, p{  
    color:rgb(71, 231, 242)  
}
```

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(71, 231, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 231, 242) }
```

Border

The CSS property to change the border of an element to YUV 184.4140, 28.3899, -99.4641 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(71, 231, 242) }
```


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

```
.border{ border-color:rgb(71, 231, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 231, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 231, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 231, 242);  
box-shadow:4px 4px 4px 4px rgb(71, 231,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 184.4140, 28.3899, -99.4641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 231, 242) }
```

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

```
.background{ background-color: rgb(71, 231,  
242) }
```

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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