

Converting Colors

YUV(178.7690, 36.5959,
-118.1924)

Have a look what the booklet for
YUV(178.7690, 36.5959, -118.1924)
contains.

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Color

**YUV(178.7690, 36.5959,
-118.1924)**

Conversions

Conversions Part 1

Format	Color
Hex	2CE9FD
RGB	44, 233, 253
RGB Percent	17%, 91%, 99%
CMY	0.8275, 0.0863, 0.0078
CMYK	0.83, 0.08, 0.00, 0.01
HSL	186°, 98%, 58%
HSV	186°, 83%, 99%
XYZ	47.9072, 65.9051, 103.1245
YIQ	178.7690, -119.0640, -33.8480

Conversions

Conversions Part 2

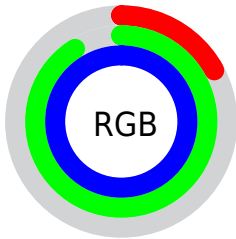
Format	Color
R _Y B	44, 143, 253
Decimal	2943485
CIE Lab	84.95, -37.21, -22.36
CIE LCh	85, 43.408, 211.008
Yxy	65.9051, 0.2208, 0.3038
Android (android.graphics.Color)	4281133565 (0xFF2CE9FD)
YUV	178.7690, 36.5959, -118.1924
Hunter-Lab	81.1820, -36.7318, -18.4880

Details

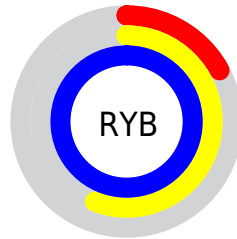
The YUV color **178.7690, 36.5959, -118.1924** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **118.2310, -36.5959, 118.1924**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3260, 18.5733, -77.4619**, and **126.2430, 34.3902, -110.7151** is the 20% darker color. If you saturate the color by 10%, you get **170.1200, 40.8598, -132.5322**, and if you desaturate by 10%, it is **187.4180, 32.3319, -103.8526**.

Distribution



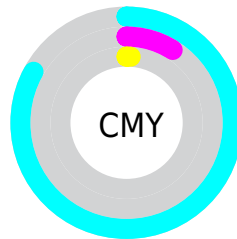
- Red (17%)
- Green (91%)
- Blue (99%)



- Red (17%)
- Yellow (56%)
- Blue (99%)



- Cyan (83%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (83%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.7690, 36.5959, -118.1924 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 178.7690, 36.5959, -118.1924 by changing the saturation by 10% instead.

■ 178.7690, 36.5959,
-118.1924

■ 178.7690, 36.5959,
-118.1924

■ 255.0000, 0.0000,
0.0000

■ 145.8710, 38.5176,
-127.9289

■ 217.3260, 18.5733,
-77.4619

■ 126.2430, 34.3902,
-110.7151

■ 227.1930, 13.7089,
-57.1743

■ 107.3160, 30.4102,
-94.1161

■ 237.0600, 8.8444,
-36.8866

■ 88.5030, 26.8670,
-77.6171

■ 246.6280, 4.1274,
-17.2138

■ 70.8640, 22.7450,
-62.1477

■ 53.3390, 19.0599,
-46.7783

■ 37.2160, 15.6695,

-32.6384

■ 21.6800, 11.9898,
-19.0134

■ 3.5510, 11.0674,
-3.1142

■ 178.7690, 36.5959,
-118.1924

■ 178.7690, 36.5959,
-118.1924

■ 170.1200, 40.8598,
-132.5322

■ 187.4180, 32.3319,
-103.8526

■ 163.2650, 44.2394,
-143.1834

■ 196.9530, 27.6312,
-89.4128

■ 205.6020, 23.3672,
-75.0730

■ 214.8380, 18.8139,
-61.2479

■ 223.7860, 14.4025,
-46.2933

■ 233.0220, 9.8492,
-32.4683

■ 241.6710, 5.5852,
-18.1285

■ 250.3200, 1.3212,
-3.7886

■ 254.7720, -0.8736,
0.2000

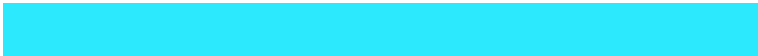
Harmonies

Analogous

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



188.7350, 11.4696, -85.7136



178.7690, 36.5959, -118.1924



187.4350, 33.3095, -90.7125

Triad

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



178.7690, 36.5959, -118.1924



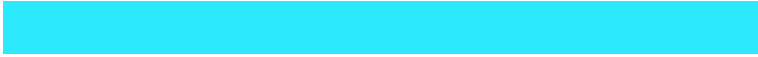
214.8560, 18.8050, 35.2063



209.1380, -39.5080, 25.3120

Complementary

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



178.7690, 36.5959, -118.1924



118.2310, -36.5959, 118.1924

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.



207.3710, -32.7209, 41.7706



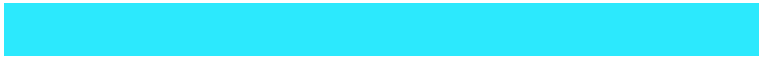
178.7690, 36.5959, -118.1924



206.0730, 2.9220, 42.9090

Square

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



178.7690, 36.5959, -118.1924



212.5380, 20.9338, 5.6672



203.8610, -15.7075, 44.8489



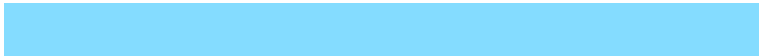
204.5790, -31.8374, -8.4008

Rectangle

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



178.7690, 36.5959, -118.1924



197.6780, 28.2597, -57.5996



203.8610, -15.7075, 44.8489



210.0190, -38.9564, 35.0633

Sweetspot

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



178.7690, 36.5959, -118.1924



232.3420, 11.1704, -36.2569



168.6210, -53.0572, -109.2926



113.9910, 6.9064, -21.9171



0.0000, 0.0000, 0.0000



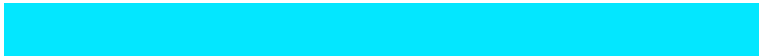
128.0000, 0.0000, 0.0000

Same Dimension

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



178.7690, 36.5959, -118.1924



165.5640, 44.0919, -142.5686



118.8950, 66.1138, -65.6829



122.9390, 2.4951, -6.9625



123.3250, 33.3638, -108.1560



41.3420, 11.1704, -36.2569

Inverse Universe

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



128.0370, 51.7468, 109.5926



104.3400, 62.4434, 132.1288



178.1050, -66.1138, 65.6829



120.1410, 2.8885, 6.8923



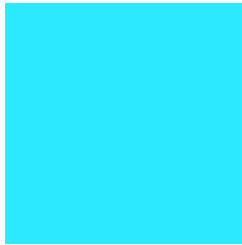
76.8310, 47.4113, 100.1262



25.7480, 15.9002, 33.5470

Previews

White Background



This preview shows how the YUV color 178.7690, 36.5959, -118.1924 looks on a white background.

Color Contrast Check

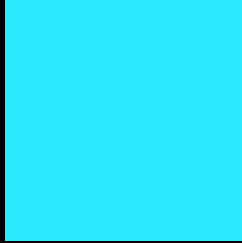
Large Text (above 18pt) WCAG AA × Fail

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 178.7690, 36.5959, -118.1924 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 178.7690, 36.5959, -118.1924 Background



This preview shows how black text looks on a background with the YUV color 178.7690, 36.5959, -118.1924.

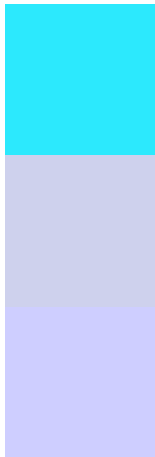


This preview shows how white text looks on a background with the YUV color 178.7690, 36.5959, -118.1924.

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

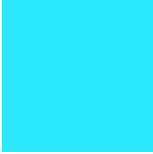
178.7690, 36.5959, -118.1924

Protanopia

211.2950, 12.6726, -4.6437

Deuteranopia

211.5860, 21.4031, -4.8989



Tritanopia

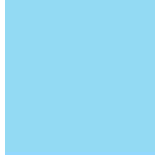
178.3560, 36.3065, -118.7072

Trichromacy



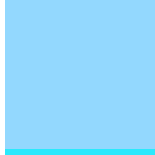
Original Color

178.7690, 36.5959, -118.1924



Protanomaly

199.6210, 21.3858, -46.1486



Deuteranomaly

199.7010, 26.7694, -46.2188



Tritanomaly

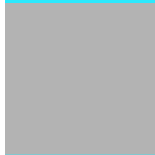
178.3560, 36.3065, -118.7072

Monochromacy



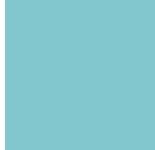
Original Color

178.7690, 36.5959, -118.1924



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.1670, 13.2287, -43.1195

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.7690, 36.5959, -118.1924 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(44, 233, 253)` looks like.

```
.text, #text, p{  
    color:rgb(44, 233, 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(44, 233, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 233, 253) }
```

Border

The CSS property to change the border of an element to YUV 178.7690, 36.5959, -118.1924 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(44, 233, 253) }
```


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

```
.border{ border-color:rgb(44, 233, 253) }
```

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

Here you see how a box with a 4 pixel rgb(44, 233, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 233, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 233, 253);  
box-shadow:4px 4px 4px 4px rgb(44, 233,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 178.7690, 36.5959, -118.1924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 233, 253) }
```

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

```
.background{ background-color: rgb(44, 233,  
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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