

Converting Colors

YUV(173.5720, 38.6650,
-128.5436)

Have a look what the booklet for
YUV(173.5720, 38.6650, -128.5436)
contains.

YUV(173.5720, 38.6650, -128.5436)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(173.5720, 38.6650,
-128.5436)**

Conversions

Conversions Part 1

Format	Color
Hex	1BE9FC
RGB	27, 233, 252
RGB Percent	11%, 91%, 99%
CMY	0.8941, 0.0863, 0.0118
CMYK	0.89, 0.08, 0.00, 0.01
HSL	185°, 97%, 55%
HSV	185°, 89%, 99%
XYZ	47.1616, 65.5391, 102.2601
YIQ	173.5720, -128.8750, -37.7630

Conversions

Conversions Part 2

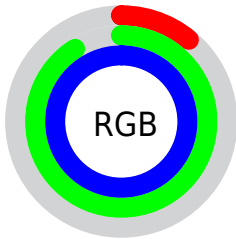
Format	Color
R _Y B	27, 135, 252
Decimal	1829372
CIE Lab	84.76, -38.47, -22.13
CIE LCh	85, 44.386, 209.913
Yxy	65.5391, 0.2194, 0.3049
Android (android.graphics.Color)	4280019452 (0xFF1BE9FC)
YUV	173.5720, 38.6650, -128.5436
Hunter-Lab	80.9562, -37.6870, -18.2230

Details

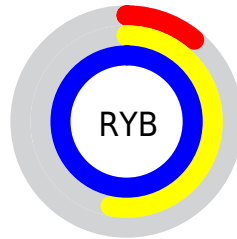
The YUV color **173.5720, 38.6650, -128.5436** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **105.4280, -38.6650, 128.5436**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5320, 19.4577, -81.1506**, and **126.1290, 33.9534, -110.6151** is the 20% darker color. If you saturate the color by 10%, you get **164.9230, 42.9290, -142.8835**, and if you desaturate by 10%, it is **182.2210, 34.4010, -114.2038**.

Distribution



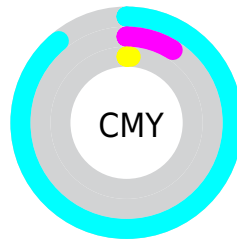
- Red (11%)
- Green (91%)
- Blue (99%)



- Red (11%)
- Yellow (53%)
- Blue (99%)



- Cyan (89%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (89%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5720, 38.6650, -128.5436 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 173.5720, 38.6650, -128.5436 by changing the saturation by 10% instead.

173.5720, 38.6650,
-128.5436

173.5720, 38.6650,
-128.5436

255.0000, 0.0000,
0.0000

145.7570, 38.0808,
-127.8289

215.5320, 19.4577,
-81.1506

126.1290, 33.9534,
-110.6151

225.6980, 14.4459,
-60.2481

107.2020, 29.9734,
-94.0162

235.5650, 9.5815,
-39.9605

88.3890, 26.4302,
-77.5172

245.1330, 4.8644,
-20.2876

70.7500, 22.3083,
-62.0478

53.2250, 18.6231,
-46.6783

37.1020, 15.2327,

-32.5385

■ 21.0930, 12.2792,
-18.4986

■ 3.4370, 10.6306,
-3.0142

■ 173.5720, 38.6650,
-128.5436

■ 173.5720, 38.6650,
-128.5436

■ 164.9230, 42.9290,
-142.8835

■ 182.2210, 34.4010,
-114.2038

■ 164.3250, 43.2238,
-144.1130

■ 190.8700, 30.1371,
-99.8640

■ 199.8180, 25.7257,
-84.9094

■ 209.0540, 21.1724,
-71.0844

■ 217.7030, 16.9084,
-56.7445

■ 226.3520, 12.6445,
-42.4047

■ 235.0010, 8.3805,
-28.0649

■ 243.9490, 3.9691,
-13.1103

■ 252.5980, -0.2948,
1.2296

Harmonies

Analogous

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



187.6100, 11.0383, -87.3580



173.5720, 38.6650, -128.5436



184.4450, 34.7836, -96.8603

Triad

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



173.5720, 38.6650, -128.5436



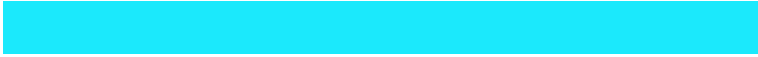
214.3830, 19.5312, 35.6211



208.6220, -40.2396, 26.6415

Complementary

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



173.5720, 38.6650, -128.5436



105.4280, -38.6650, 128.5436

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.



206.0830, -32.5789, 42.9002



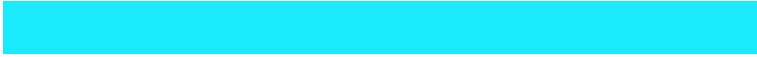
173.5720, 38.6650, -128.5436



205.6000, 3.6482, 43.3238

Square

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



173.5720, 38.6650, -128.5436



211.6410, 21.3760, 3.8228



202.6870, -15.1287, 45.8785



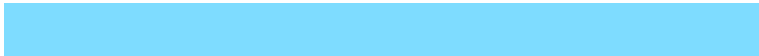
204.5360, -33.2952, -7.4861

Rectangle

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



173.5720, 38.6650, -128.5436



195.8840, 29.1442, -61.2883



202.6870, -15.1287, 45.8785



209.8020, -39.8354, 37.0076

Sweetspot

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



173.5720, 38.6650, -128.5436



230.8470, 11.9074, -39.3308



161.2410, -56.8138, -117.7294



113.3930, 7.2013, -23.1467



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.



173.5720, 38.6650, -128.5436



165.8410, 43.9554, -145.4426



107.8280, 71.0768, -70.8862



120.5260, 2.2057, -7.4773



123.0970, 32.4902, -107.9561



39.8260, 10.4388, -34.9274

Inverse Universe

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



117.7590, 56.8138, 117.7294



102.8070, 64.1851, 133.4733



171.1720, -71.0768, 70.8862



117.2550, 3.3253, 6.7924



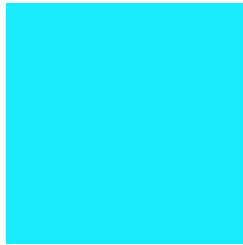
76.2330, 47.7061, 98.8967



24.6230, 15.4689, 31.9026

Previews

White Background



This preview shows how the YUV color 173.5720, 38.6650, -128.5436 looks on a white background.

Color Contrast Check

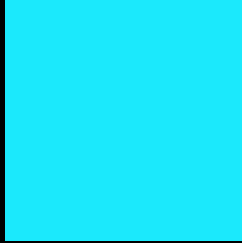
Large Text (above 18pt) WCAG AA × Fail

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 173.5720, 38.6650, -128.5436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

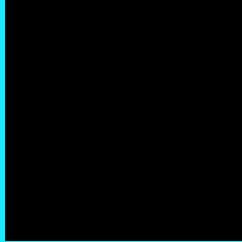
Any Text WCAG AA ✓ Pass

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 173.5720, 38.6650, -128.5436 Background



This preview shows how black text looks on a background with the YUV color 173.5720, 38.6650, -128.5436.



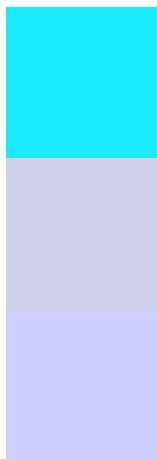
This preview shows how white text looks on a background with the YUV color 173.5720, 38.6650, -128.5436.

-128.5436.

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

173.5720, 38.6650, -128.5436

Protanopia

210.5940, 12.5252, -4.0289

Deuteranopia

211.5860, 21.4031, -4.8989



Tritanopia

173.5720, 38.6650, -128.5436

Trichromacy



Original Color

173.5720, 38.6650, -128.5436



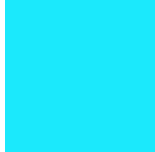
Protanomaly

197.1260, 22.1229, -49.2225



Deuteranomaly

197.9070, 27.6538, -49.9074



Tritanomaly

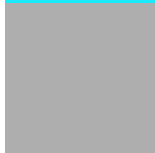
173.5720, 38.6650, -128.5436

Monochromacy



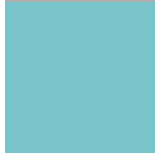
Original Color

173.5720, 38.6650, -128.5436



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.6720, 13.9657, -46.1933

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5720, 38.6650, -128.5436 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(27, 233, 252)` looks like.

```
.text, #text, p{  
    color:rgb(27, 233, 252)  
}
```

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(27, 233, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 233, 252) }
```

Border

The CSS property to change the border of an element to YUV 173.5720, 38.6650, -128.5436 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(27, 233, 252) }
```


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

```
.border{ border-color:rgb(27, 233, 252) }
```

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

Here you see how a box with a 4 pixel rgb(27, 233, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 233, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 233, 252);  
box-shadow:4px 4px 4px 4px rgb(27, 233,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 173.5720, 38.6650, -128.5436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 233, 252) }
```

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

```
.background{ background-color: rgb(27, 233,  
252) }
```

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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