

Converting Colors

YUV(179.3030, 13.6546,
-39.7307)

Have a look what the booklet for
YUV(179.3030, 13.6546, -39.7307)
contains.

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Color

**YUV(179.3030, 13.6546,
-39.7307)**

Conversions

Conversions Part 1

Format	Color
Hex	86C5CF
RGB	134, 197, 207
RGB Percent	53%, 77%, 81%
CMY	0.4745, 0.2275, 0.1882
CMYK	0.35, 0.05, 0.00, 0.19
HSL	188°, 43%, 67%
HSV	188°, 35%, 81%
XYZ	41.0603, 49.5058, 66.4230
YIQ	179.3030, -40.7580, -10.2460

Conversions

Conversions Part 2

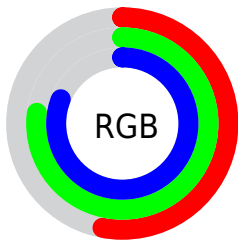
Format	Color
RYB	134, 168, 207
Decimal	8832463
CIELab	75.76, -17.56, -11.41
CIELCh	76, 20.942, 213.004
Yxy	49.5058, 0.2615, 0.3153
Android (android.graphics.Color)	4287022543 (0xFF86C5CF)
YUV	179.3030, 13.6546, -39.7307
Hunter-Lab	70.3604, -18.9633, -6.7198

Details

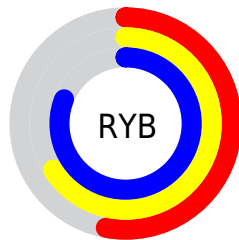
The YUV color **179.3030, 13.6546, -39.7307** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **161.6970, -13.6546, 39.7307**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9780, 9.8708, -39.4457**, and **125.3030, 13.6546, -39.7307** is the 20% darker color. If you saturate the color by 10%, you get **171.2630, 17.6183, -51.0967**, and if you desaturate by 10%, it is **187.3430, 9.6909, -28.3648**.

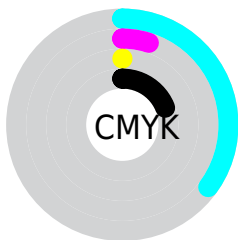
Distribution



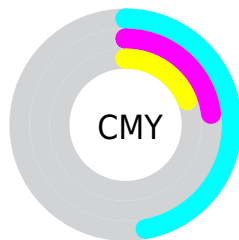
- Red (53%)
- Green (77%)
- Blue (81%)



- Red (53%)
- Yellow (66%)
- Blue (81%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (47%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.3030, 13.6546, -39.7307 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 179.3030, 13.6546, -39.7307 by changing the saturation by 10% instead.

■ 179.3030, 13.6546,
-39.7307

■ 179.3030, 13.6546,
-39.7307

255.0000, 0.0000,
0.0000

■ 152.1890, 13.2178,
-39.6308

■ 234.9780, 9.8708,
-39.4457

■ 125.3030, 13.6546,
-39.7307

■ 243.9370, 5.4541,
-22.7467

■ 99.0040, 13.8020,
-40.3455

■ 252.6080, 1.1793,
-4.9182

■ 72.7970, 14.3971,
-44.5490

■ 49.3950, 14.1023,
-43.3194

■ 33.2720, 10.7119,
-29.1795

■ 19.7250, 7.0376,

-17.2988

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 179.3030, 13.6546,
-39.7307

■ 179.3030, 13.6546,
-39.7307

■ 171.2630, 17.6183,
-51.0967

■ 187.3430, 9.6909,
-28.3648

■ 163.5220, 21.4347,
-61.8478

■ 195.0840, 5.8746,
-17.6137

■ 155.4820, 25.3984,
-73.2137

■ 203.1240, 1.9109,
-6.2477

■ 148.0290, 29.0727,
-85.0944

■ 210.5770, -1.7635,
5.6330

■ 139.9890, 33.0364,
-96.4604

■ 218.6170, -5.7272,
16.9989

■ 132.2480, 36.8527,
-107.2115

■ 225.4610, -9.1013,
25.9057

■ 128.6710, 38.6162,
-112.8445

■ 227.2220, -9.9694,
24.3613

■ 228.9830,
-10.8376, 22.8169

■ 230.7440,
-11.7058, 21.2725

Harmonies

Analogous

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



179.2190, 4.3290, -35.2721



179.3030, 13.6546, -39.7307



181.5410, 19.4533, -32.9235

Triad

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



179.3030, 13.6546, -39.7307



190.6680, 7.0657, 20.4622



185.8540, -18.6620, 12.4060

Complementary

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



179.3030, 13.6546, -39.7307



161.6970, -13.6546, 39.7307

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.



187.9850, -17.2476, 25.4462



179.3030, 13.6546, -39.7307



189.9160, -2.4236, 30.7687

Square

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



179.3030, 13.6546, -39.7307



188.9200, 14.8294, 3.5782



189.3370, -11.0121, 32.1535



183.4820, -14.5346, -4.8077

Rectangle

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



179.3030, 13.6546, -39.7307



184.7210, 19.8575, -22.5573



189.3370, -11.0121, 32.1535



186.5880, -18.5309, 17.0243

Sweetspot

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



179.3030, 13.6546, -39.7307



244.2800, 5.2850, -15.1546



177.9910, -16.7576, -38.5801



121.1560, 3.3741, -8.9068



0.0000, 0.0000, 0.0000



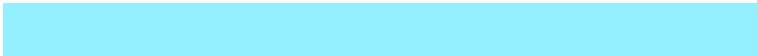
128.0000, 0.0000, 0.0000

Same Dimension

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



179.3030, 13.6546, -39.7307



214.2020, 20.1134, -58.0592



158.1710, 24.0727, -21.1980



100.5370, 2.2003, -5.7329



104.2670, 31.4204, -91.4422



25.2190, 7.7800, -22.1171

Inverse Universe

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



163.0090, 16.7576, 38.5801



190.4810, 24.4129, 56.5832



182.8290, -24.0727, 21.1980



98.3150, 2.3097, 5.8627



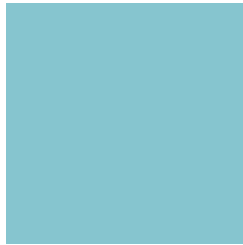
66.7620, 38.5713, 88.7857



16.2490, 9.2442, 21.7066

Previews

White Background



This preview shows how the YUV color 179.3030, 13.6546, -39.7307 looks on a white background.

Color Contrast Check

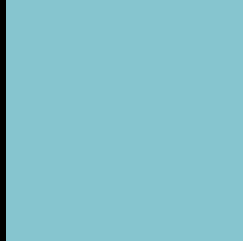
Large Text (above 18pt) WCAG AA × Fail

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 179.3030, 13.6546, -39.7307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

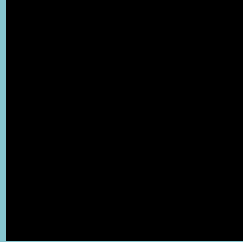
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 179.3030, 13.6546, -39.7307

Background



This preview shows how black text looks on a background with the YUV color 179.3030, 13.6546, -39.7307.

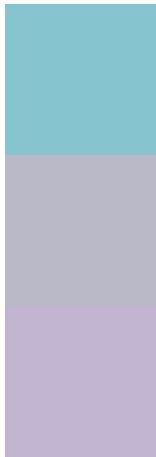


This preview shows how white text looks on a background with the YUV color 179.3030, 13.6546, -39.7307.

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

179.3030, 13.6546, -39.7307

Protanopia

186.5960, 6.1152, -1.3997

Deuteranopia

187.8940, 10.8983, 4.4780



Tritanopia

179.5850, 15.9806, -39.1010

Trichromacy



Original Color

179.3030, 13.6546, -39.7307

Protanomaly

183.6050, 9.0687, -15.4396

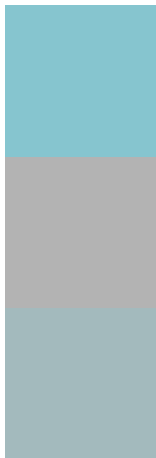
Deuteranomaly

185.0230, 11.8207, -11.4212

Tritanomaly

179.3570, 15.1070, -38.9011

Monochromacy



Original Color

179.3030, 13.6546, -39.7307

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.4650, 4.7008, -14.4398

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.3030, 13.6546, -39.7307 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(134, 197, 207)` looks like.

```
.text, #text, p{  
    color:rgb(134, 197, 207)  
}
```

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(134, 197, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 197, 207) }
```

Border

The CSS property to change the border of an element to YUV 179.3030, 13.6546, -39.7307 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(134, 197, 207) }
```


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

```
.border{ border-color:rgb(134, 197, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 197, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 197, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 197, 207);  
box-shadow:4px 4px 4px 4px rgb(134, 197,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 179.3030, 13.6546, -39.7307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 197, 207) }
```

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

```
.background{ background-color: rgb(134,  
197, 207) }
```

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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