

Converting Colors

YUV(182.7830, 35.6030,
-79.6167)

Have a look what the booklet for
YUV(182.7830, 35.6030, -79.6167)
contains.

YUV(182.7830, 35.6030, -79.6167)	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(182.7830, 35.6030,
-79.6167)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD7FF
RGB	92, 215, 255
RGB Percent	36%, 84%, 100%
CMY	0.6392, 0.1569, 0.0000
CMYK	0.64, 0.16, 0.00, 0.00
HSL	195°, 100%, 68%
HSV	195°, 64%, 100%
XYZ	46.7641, 58.0962, 103.3567
YIQ	182.7830, -86.1480, -13.6360

Conversions

Conversions Part 2

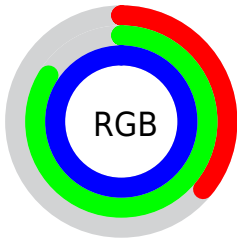
Format	Color
R _Y B	92, 162, 255
Decimal	6084607
CIE Lab	80.79, -22.48, -29.67
CIE LCh	81, 37.230, 232.850
Yxy	58.0962, 0.2246, 0.2790
Android (android.graphics.Color)	4284274687 (0xFF5CD7FF)
YUV	182.7830, 35.6030, -79.6167
Hunter-Lab	76.2209, -23.8707, -27.0436

Details

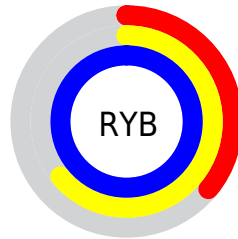
The YUV color **182.7830, 35.6030, -79.6167** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **164.2170, -35.6030, 79.6167**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, 14.4459, -60.2481**, and **116.4920, 40.1834, -102.1635** is the 20% darker color. If you saturate the color by 10%, you get **171.7860, 41.0245, -91.8973**, and if you desaturate by 10%, it is **194.0790, 30.0341, -66.7213**.

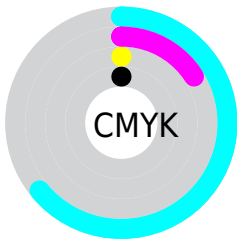
Distribution



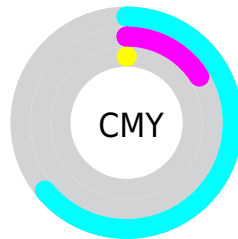
- Red (36%)
- Green (84%)
- Blue (100%)



- Red (36%)
- Yellow (64%)
- Blue (100%)



- Cyan (64%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.7830, 35.6030, -79.6167 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 182.7830, 35.6030, -79.6167 by changing the saturation by 10% instead.

182.7830, 35.6030,
-79.6167

182.7830, 35.6030,
-79.6167

255.0000, 0.0000,
0.0000

151.3800, 36.7877,
-86.2793

225.6980, 14.4459,
-60.2481

116.4920, 40.1834,
-102.1635

234.9670, 9.8763,
-41.1901

98.1520, 35.9141,
-86.0793

243.9370, 5.4541,
-22.7467

79.8120, 31.6447,
-69.9951

253.2060, 0.8844,
-3.6887

62.7600, 27.2333,
-55.0405

45.8220, 23.2588,
-40.1859

30.8730, 19.2896,

-27.0756

■ 10.6410, 17.9250,
-9.3322

■ 3.5510, 11.0674,
-3.1142

■ 182.7830, 35.6030,
-79.6167

■ 182.7830, 35.6030,
-79.6167

■ 171.7860, 41.0245,
-91.8973

■ 194.0790, 30.0341,
-66.7213

■ 159.9030, 46.8828,
-104.2779

■ 205.6630, 24.3231,
-54.9555

■ 148.9060, 52.3043,
-116.5586

■ 216.9590, 18.7542,
-42.0600

■ 141.7740, 55.8204,
-124.3358

■ 227.9560, 13.3327,
-29.7794

■ 239.2520, 7.7638,
-16.8840

■ 250.8360, 2.0529,
-5.1182

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.



179.1340, 23.1049, -84.3095



182.7830, 35.6030, -79.6167



191.8520, 31.1320, -45.4742

Triad

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



182.7830, 35.6030, -79.6167



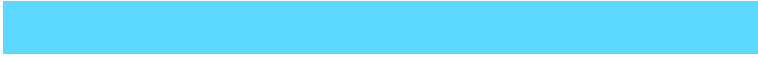
202.9100, 3.4954, 45.6829



195.9160, -29.5386, 0.9507

Complementary

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



182.7830, 35.6030, -79.6167



164.2170, -35.6030, 79.6167

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.



199.4680, -33.2617, 28.5306



182.7830, 35.6030, -79.6167



199.5070, -12.0820, 48.6674

Square

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



182.7830, 35.6030, -79.6167



205.3990, 18.5373, 27.7141



200.8970, -27.0642, 47.4483



191.0460, -16.7847, -29.8583

Rectangle

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



182.7830, 35.6030, -79.6167



198.5070, 27.8510, -19.7386



200.8970, -27.0642, 47.4483



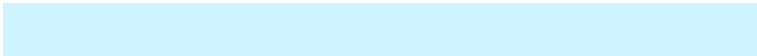
196.7000, -31.8971, 10.7871

Sweetspot

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



182.7830, 35.6030, -79.6167



233.6040, 10.5482, -23.3317



192.0130, -30.5724, -87.7114



114.3340, 6.7373, -14.3249



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.



182.7830, 35.6030, -79.6167



168.2200, 42.7825, -95.7859



135.8230, 58.7543, -38.4328



121.7650, 3.0739, -5.9329



106.3020, 41.7561, -93.2269



35.4720, 14.0643, -31.1089

Inverse Universe

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



154.7590, 29.6988, 87.9114



134.4760, 35.7543, 105.6995



211.1770, -58.7543, 38.4328



119.9130, 2.0149, 7.0923



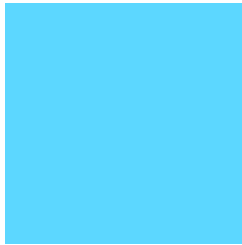
73.5250, 34.7442, 103.0256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 182.7830, 35.6030, -79.6167 looks on a white background.

Color Contrast Check

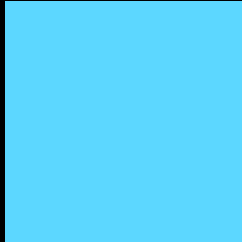
Large Text (above 18pt) WCAG AA × Fail

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 182.7830, 35.6030, -79.6167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

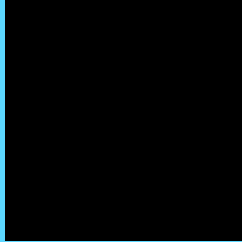
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

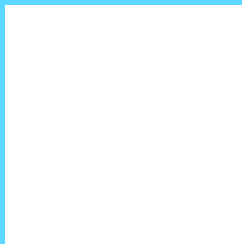
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 182.7830, 35.6030, -79.6167

Background



This preview shows how black text looks on a background with the YUV color 182.7830, 35.6030, -79.6167.



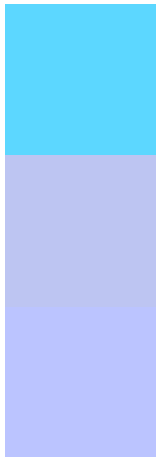
This preview shows how white text looks on a background with the YUV color 182.7830, 35.6030, -79.6167.

-79.6167.

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

182.7830, 35.6030, -79.6167

Protanopia

199.7380, 20.8352, -9.4172

Deuteranopia

200.0350, 27.0977, -11.4317



Tritanopia

179.3880, 27.9097, -85.4093

Trichromacy



Original Color

182.7830, 35.6030, -79.6167

Protanomaly

193.9520, 26.1527, -35.0379

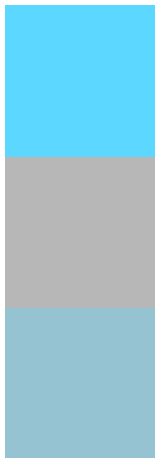
Deuteranomaly

193.6790, 30.2313, -36.5525

Tritanomaly

180.7950, 30.6671, -83.1352

Monochromacy



Original Color

182.7830, 35.6030, -79.6167

Achromatopsia

183.0000, 0.0000, 0.0000

Achromatomaly

183.1410, 12.7485, -29.0647

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.7830, 35.6030, -79.6167 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(92, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 215, 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(92, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 215, 255) }
```

Border

The CSS property to change the border of an element to YUV 182.7830, 35.6030, -79.6167 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(92, 215, 255) }
```


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

```
.border{ border-color:rgb(92, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 215,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 182.7830, 35.6030, -79.6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 215, 255) }
```

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

```
.background{ background-color: rgb(92, 215,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor