

Converting Colors

YUV(181.2440, 36.3617,
-89.6680)

Have a look what the booklet for
YUV(181.2440, 36.3617, -89.6680)
contains.

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Color

**YUV(181.2440, 36.3617,
-89.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	4FDBFF
RGB	79, 219, 255
RGB Percent	31%, 86%, 100%
CMY	0.6902, 0.1412, 0.0000
CMYK	0.69, 0.14, 0.00, 0.00
HSL	192°, 100%, 65%
HSV	192°, 69%, 100%
XYZ	46.6060, 59.5453, 103.6447
YIQ	181.2440, -94.9960, -18.4840

Conversions

Conversions Part 2

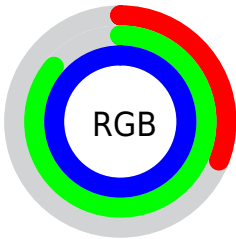
Format	Color
R_{YB}	79, 157, 255
Decimal	5233663
CIE _{Lab}	81.59, -26.37, -28.48
CIE _{LCh}	82, 38.813, 227.205
Yxy	59.5453, 0.2221, 0.2838
Android (android.graphics.Color)	4283423743 (0xFF4FDBFF)
YUV	181.2440, 36.3617, -89.6680
Hunter-Lab	77.1656, -27.2306, -25.6193

Details

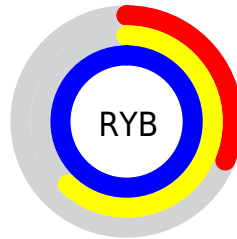
The YUV color **181.2440, 36.3617, -89.6680** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **152.7560, -36.3617, 89.6680**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7080, 15.9200, -66.3959**, and **118.8400, 39.0259, -104.2227** is the 20% darker color. If you saturate the color by 10%, you get **170.8340, 41.4938, -102.4634**, and if you desaturate by 10%, it is **191.9530, 31.0822, -76.2578**.

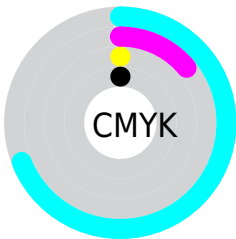
Distribution



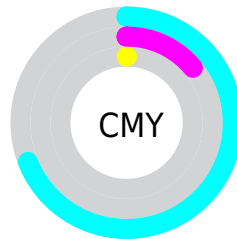
- Red (31%)
- Green (86%)
- Blue (100%)



- Red (31%)
- Yellow (62%)
- Blue (100%)



- Cyan (69%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.2440, 36.3617, -89.6680 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 181.2440, 36.3617, -89.6680 by changing the saturation by 10% instead.

181.2440, 36.3617,
-89.6680

181.2440, 36.3617,
-89.6680

255.0000, 0.0000,
0.0000

146.8510, 39.0205,
-102.4783

222.7080, 15.9200,
-66.3959

118.8400, 39.0259,
-104.2227

232.2760, 11.2029,
-46.7231

99.9130, 35.0459,
-87.6237

241.5450, 6.6333,
-27.6650

82.1600, 30.4871,
-72.0543

251.1130, 1.9163,
-7.9921

64.5210, 26.3651,
-56.5849

47.6970, 22.8274,
-41.8303

32.0470, 18.7108,

-28.1052

■ 13.5760, 16.4780,
-11.9062

■ 3.5510, 11.0674,
-3.1142

■ 181.2440, 36.3617,
-89.6680

■ 181.2440, 36.3617,
-89.6680

■ 170.8340, 41.4938,
-102.4634

■ 191.9530, 31.0822,
-76.2578

■ 160.1250, 46.7734,
-115.8736

■ 202.3630, 25.9500,
-63.4624

■ 149.1280, 52.1949,
-128.1543

■ 213.6590, 20.3811,
-50.5669

■ 148.2310, 52.6371,
-129.9986

■ 224.0690, 15.2490,
-37.7715

■ 234.7780, 9.9694,
-24.3613

■ 245.1880, 4.8373,
-11.5659

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.



179.6560, 21.3686, -87.3983



181.2440, 36.3617, -89.6680



191.1990, 31.4539, -55.4255

Triad

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



181.2440, 36.3617, -89.6680



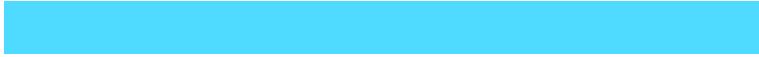
205.2240, 7.2846, 43.6536



198.1510, -32.6124, 6.8836

Complementary

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



181.2440, 36.3617, -89.6680



152.7560, -36.3617, 89.6680

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.



201.5720, -34.2990, 34.5784



181.2440, 36.3617, -89.6680



200.4190, -8.5876, 47.8675

Square

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



181.2440, 36.3617, -89.6680



207.5770, 21.9005, 22.2960



200.8800, -24.5908, 47.4632



193.4550, -20.4373, -24.9550

Rectangle

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



181.2440, 36.3617, -89.6680



197.8650, 28.1676, -27.9456



200.8800, -24.5908, 47.4632



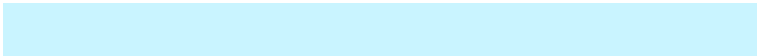
199.4620, -34.2448, 17.1348

Sweetspot

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



181.2440, 36.3617, -89.6680



232.3970, 11.1433, -27.5352



186.3020, -35.6449, -94.1039



114.3230, 6.7428, -16.0693



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.



181.2440, 36.3617, -89.6680



166.3710, 43.6941, -108.1964



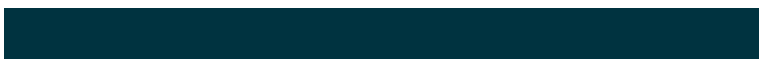
130.1750, 61.5387, -44.8805



122.3520, 2.7845, -6.4477



110.9980, 39.4410, -97.3452



37.2330, 13.1961, -32.6533

Inverse Universe

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



147.5840, 35.2081, 94.2038



125.6540, 42.5686, 113.4364



203.8250, -61.5387, 44.8805



120.0270, 2.4517, 6.9923



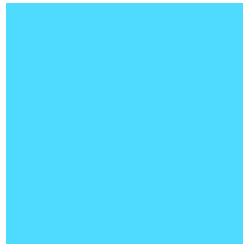
74.4370, 38.2386, 102.2258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 181.2440, 36.3617, -89.6680 looks on a white background.

Color Contrast Check

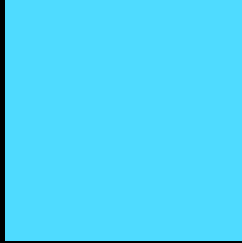
Large Text (above 18pt) WCAG AA × Fail

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 181.2440, 36.3617, -89.6680 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 181.2440, 36.3617, -89.6680 Background



This preview shows how black text looks on a background with the YUV color 181.2440, 36.3617, -89.6680.



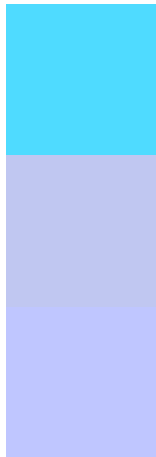
This preview shows how white text looks on a background with the YUV color 181.2440, 36.3617, -89.6680.

-89.6680.

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

181.2440, 36.3617, -89.6680

Protanopia

201.6950, 19.3774, -8.5025

Deuteranopia

202.4050, 25.9293, -10.0022



Tritanopia

178.3050, 30.4156, -95.8605

Trichromacy



Original Color

181.2440, 36.3617, -89.6680



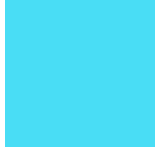
Protanomaly

194.1150, 25.5793, -37.8119



Deuteranomaly

194.8420, 29.6579, -39.3264



Tritanomaly

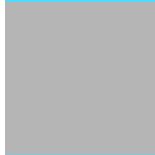
179.4840, 32.2994, -93.3865

Monochromacy



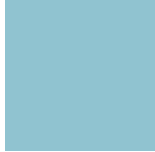
Original Color

181.2440, 36.3617, -89.6680



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.2330, 13.1961, -32.6533

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.2440, 36.3617, -89.6680 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(79, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(79, 219, 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(79, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 219, 255) }
```

Border

The CSS property to change the border of an element to YUV 181.2440, 36.3617, -89.6680 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(79, 219, 255) }
```


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

```
.border{ border-color:rgb(79, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(79, 219,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 181.2440, 36.3617, -89.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 219, 255) }
```

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

```
.background{ background-color: rgb(79, 219,  
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](#).

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