

Converting Colors

YUV(146.1820, 53.6473,
-127.3246)

Have a look what the booklet for
YUV(146.1820, 53.6473, -127.3246)
contains.

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Color

**YUV(146.1820, 53.6473,
-127.3246)**

Conversions

Conversions Part 1

Format	Color
Hex	01C7FF
RGB	1, 199, 255
RGB Percent	0%, 78%, 100%
CMY	0.9961, 0.2196, 0.0000
CMYK	1.00, 0.22, 0.00, 0.00
HSL	193°, 100%, 50%
HSV	193°, 100%, 100%
XYZ	38.4859, 48.0733, 101.8584
YIQ	146.1820, -135.9840, -24.5600

Conversions

Conversions Part 2

Format	Color
R _Y B	1, 112, 255
Decimal	116735
CIE Lab	74.87, -21.78, -38.93
CIE LCh	75, 44.607, 240.774
Yxy	48.0733, 0.2043, 0.2551
Android (android.graphics.Color)	4278306815 (0xFF01C7FF)
YUV	146.1820, 53.6473, -127.3246
Hunter-Lab	69.3349, -22.2556, -38.5672

Details

The YUV color **146.1820, 53.6473, -127.3246** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **109.8180, -53.6473, 127.3246**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8410, 20.7844, -86.6836**, and **107.6870, 44.5243, -94.4415** is the 20% darker color. If you saturate the color by 10%, you get **145.8830, 53.7947, -127.9394**, and if you desaturate by 10%, it is **157.1790, 48.2258, -115.0440**.

Distribution



- Red (0%)
- Green (78%)
- Blue (100%)



- Red (0%)
- Yellow (44%)
- Blue (100%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.1820, 53.6473, -127.3246 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 146.1820, 53.6473, -127.3246 by changing the saturation by 10% instead.

■ 146.1820, 53.6473,
-127.3246

■ 146.1820, 53.6473,
-127.3246

■ 255.0000, 0.0000,
0.0000

■ 126.7280, 48.9411,
-111.1405

■ 212.8410, 20.7844,
-86.6836

■ 107.6870, 44.5243,
-94.4415

■ 223.3060, 15.6251,
-65.1664

■ 89.3470, 40.2549,
-78.3573

■ 233.1730, 10.7607,
-44.8787

■ 71.5940, 35.6962,
-62.7879

■ 242.7410, 6.0437,
-25.2059

■ 55.1290, 30.9954,
-48.3481

■ 252.3090, 1.3267,
-5.5330

■ 38.7780, 26.7314,
-34.0083

■ 24.8890, 21.7467,

-21.8277

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 146.1820, 53.6473,
-127.3246

■ 146.1820, 53.6473,
-127.3246

■ 145.8830, 53.7947,
-127.9394

■ 157.1790, 48.2258,
-115.0440

■ 167.8880, 42.9462,
-101.6338

■ 179.1840, 37.3773,
-88.7384

■ 189.5940, 32.2452,
-75.9429

■ 200.8900, 26.6762,
-63.0475

■ 211.8870, 21.2547,
-50.7669

■ 222.2970, 16.1226,
-37.9715

■ 233.5930, 10.5537,
-25.0761

■ 244.8890, 4.9847,
-12.1807

Harmonies

Analogous

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



145.9850, 38.9544, -128.0288



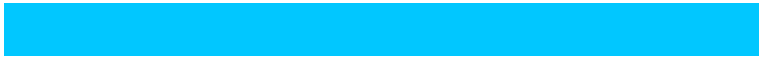
146.1820, 53.6473, -127.3246



175.9040, 38.9943, -47.2738

Triad

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



146.1820, 53.6473, -127.3246



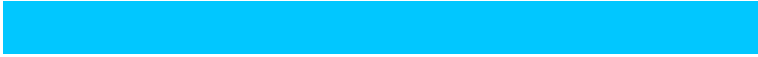
185.9720, -0.4792, 60.5376



176.5790, -31.8374, -8.4008

Complementary

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



146.1820, 53.6473, -127.3246



109.8180, -53.6473, 127.3246

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.



180.8390, -39.3606, 24.6972



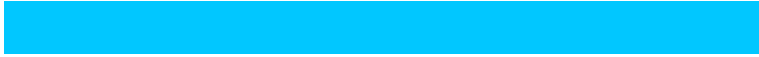
146.1820, 53.6473, -127.3246



183.6460, -19.5455, 62.5775

Square

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



146.1820, 53.6473, -127.3246



189.8460, 17.3309, 41.3541



183.9700, -34.4952, 50.8923



169.5600, -13.0941, -46.9721

Rectangle

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



146.1820, 53.6473, -127.3246



184.0870, 34.9601, -13.2313



183.9700, -34.4952, 50.8923



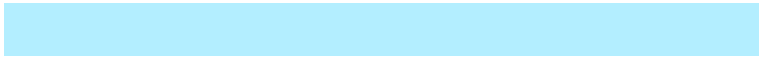
178.6190, -35.8012, 2.9651

Sweetspot

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



146.1820, 53.6473, -127.3246



222.2970, 16.1226, -37.9715



156.3680, -49.4814, -136.2577



107.7890, 9.9640, -22.6170



0.0000, 0.0000, 0.0000



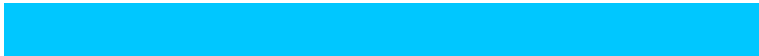
128.0000, 0.0000, 0.0000

Same Dimension

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



146.1820, 53.6473, -127.3246



145.8830, 53.7947, -127.9394



72.2200, 90.1105, -62.4599



122.3520, 2.7845, -6.4477



109.2370, 40.3092, -95.8008



36.6460, 13.4855, -32.1385

Inverse Universe

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



99.5180, 49.0446, 136.3577



98.9310, 49.3340, 136.8725



183.7800, -90.1105, 62.4599



120.0270, 2.4517, 6.9923



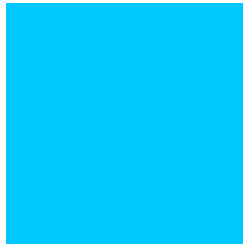
74.0950, 36.9282, 102.5257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 146.1820, 53.6473, -127.3246 looks on a white background.

Color Contrast Check

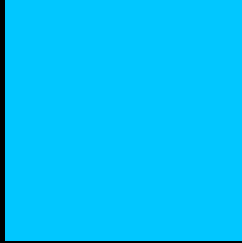
Large Text (above 18pt) WCAG AA × Fail

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 146.1820, 53.6473, -127.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

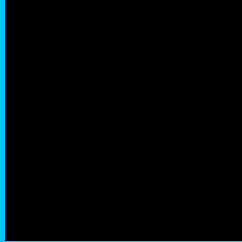
Any Text WCAG AA ✓ Pass

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 146.1820, 53.6473, -127.3246 Background



This preview shows how black text looks on a background with the YUV color 146.1820, 53.6473, -127.3246.



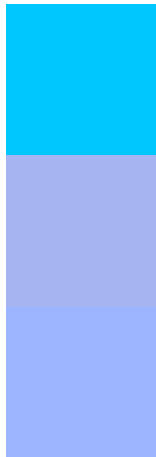
This preview shows how white text looks on a background with the YUV color 146.1820, 53.6473, -127.3246.

-127.3246.

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

146.1820, 53.6473, -127.3246

Protanopia

183.3550, 28.4190, -15.2203

Deuteranopia

182.2600, 35.8608, -22.1530



Tritanopia

144.1270, 36.9124, -126.3994

Trichromacy



Original Color

146.1820, 53.6473, -127.3246

Protanomaly

170.0940, 37.4217, -56.2104

Deuteranomaly

169.3260, 42.2373, -60.7989

Tritanomaly

145.0220, 42.8802, -127.1843

Monochromacy



Original Color

146.1820, 53.6473, -127.3246

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.8660, 19.7861, -46.3635

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.1820, 53.6473, -127.3246 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(1, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(1, 199, 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(1, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 199, 255) }
```

Border

The CSS property to change the border of an element to YUV 146.1820, 53.6473, -127.3246 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(1, 199, 255) }
```


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

```
.border{ border-color:rgb(1, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(1, 199,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 146.1820, 53.6473, -127.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 199, 255) }
```

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

```
.background{ background-color: rgb(1, 199,  
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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