

Converting Colors

YUV(196.5360, 26.8508,
-72.3841)

Have a look what the booklet for
YUV(196.5360, 26.8508, -72.3841)
contains.

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Color

**YUV(196.5360, 26.8508,
-72.3841)**

Conversions

Conversions Part 1

Format	Color
Hex	72E4FB
RGB	114, 228, 251
RGB Percent	45%, 89%, 98%
CMY	0.5529, 0.1059, 0.0157
CMYK	0.55, 0.09, 0.00, 0.02
HSL	190°, 94%, 72%
HSV	190°, 55%, 98%
XYZ	52.0954, 66.0292, 101.2660
YIQ	196.5360, -75.3270, -17.0150

Conversions

Conversions Part 2

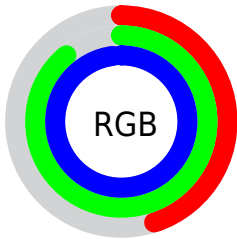
Format	Color
RYB	114, 176, 251
Decimal	7529723
CIELab	85.01, -26.20, -21.07
CIELCh	85, 33.622, 218.795
Yxy	66.0292, 0.2375, 0.3010
Android (android.graphics.Color)	4285719803 (0xFF72E4FB)
YUV	196.5360, 26.8508, -72.3841
Hunter-Lab	81.2584, -27.7643, -17.0076

Details

The YUV color **196.5360, 26.8508, -72.3841** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **168.4640, -26.8508, 72.3841**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, 11.7926, -49.1822**, and **136.2360, 28.4777, -80.8910** is the 20% darker color. If you saturate the color by 10%, you get **186.7130, 31.6935, -85.6943**, and if you desaturate by 10%, it is **206.3590, 22.0080, -59.0738**.

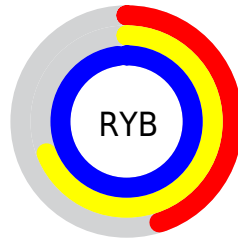
Distribution



Red (45%)

Green (89%)

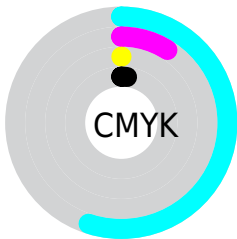
Blue (98%)



Red (45%)

Yellow (69%)

Blue (98%)

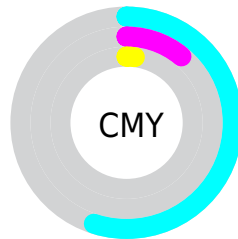


Cyan (55%)

Magenta (9%)

Yellow (0%)

Black (2%)



Cyan (55%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5360, 26.8508, -72.3841 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 196.5360, 26.8508, -72.3841 by changing the saturation by 10% instead.

196.5360, 26.8508,
-72.3841

196.5360, 26.8508,
-72.3841

255.0000, 0.0000,
0.0000

167.2260, 27.0036,
-74.7432

231.0800, 11.7926,
-49.1822

136.2360, 28.4777,
-80.8910

240.0500, 7.3704,
-30.7388

104.7400, 30.6942,
-91.8570

249.3190, 2.8007,
-11.6808

86.5140, 26.8616,
-75.8728

68.8750, 22.7396,
-60.4034

51.4640, 19.4912,
-45.1339

35.8140, 15.3747,

-31.4089

■ 21.5660, 11.5530,
-18.9134

■ 3.3230, 10.1938,
-2.9143

■ 196.5360, 26.8508,
-72.3841

■ 196.5360, 26.8508,
-72.3841

■ 186.7130, 31.6935,
-85.6943

■ 206.3590, 22.0080,
-59.0738

■ 176.8900, 36.5362,
-99.0045

■ 216.1820, 17.1653,
-45.7636

■ 166.4800, 41.6684,
-111.8000

■ 226.5920, 12.0331,
-32.9682

■ 156.6570, 46.5111,
-125.1102

■ 236.4150, 7.1904,
-19.6580

■ 151.2970, 49.1536,
-132.6875

■ 246.5370, 2.2003,
-5.7329

■ 253.3700, -1.1684,
1.4295

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

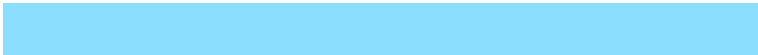
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196.9810, 11.8414, -64.8813



196.5360, 26.8508, -72.3841



201.2440, 26.5017, -53.7110

Triad

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



196.5360, 26.8508, -72.3841



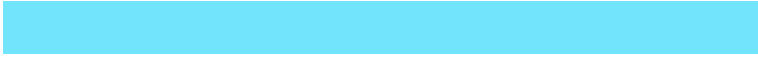
215.8530, 9.9325, 34.3319



209.5910, -29.8714, 14.3907

Complementary

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



196.5360, 26.8508, -72.3841



168.4640, -26.8508, 72.3841

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.



212.9620, -29.0683, 36.8673



196.5360, 26.8508, -72.3841



210.4440, -3.1769, 39.0756

Square

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



196.5360, 26.8508, -72.3841



215.5280, 19.4597, 11.8149



209.3720, -17.4384, 40.0158



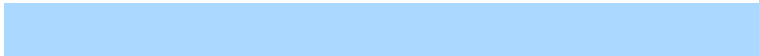
205.5920, -21.4909, -13.6742

Rectangle

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



196.5360, 26.8508, -72.3841



206.6920, 23.8158, -32.1789



209.3720, -17.4384, 40.0158



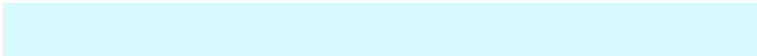
210.8200, -30.4773, 22.0829

Sweetspot

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



196.5360, 26.8508, -72.3841



238.6320, 8.0694, -21.6023



197.0410, -29.6002, -72.8270



117.5900, 5.1321, -12.7954



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.



196.5360, 26.8508, -72.3841



188.9300, 32.5725, -87.6386



156.6200, 46.5293, -37.3777



119.9390, 2.4951, -6.9625



113.7050, 37.1204, -99.7193



36.8910, 11.8857, -32.3534

Inverse Universe

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



167.9590, 29.6002, 72.8270



154.3660, 35.8086, 88.2560



208.3800, -46.5293, 37.3777



117.1410, 2.8885, 6.8923



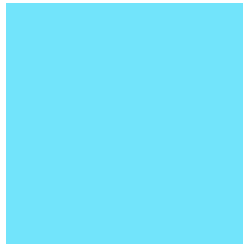
74.4090, 40.7174, 100.4963



24.0530, 13.2849, 32.4025

Previews

White Background



This preview shows how the YUV color 196.5360, 26.8508, -72.3841 looks on a white background.

Color Contrast Check

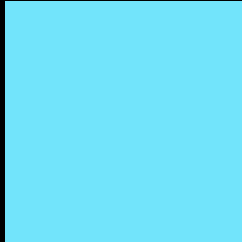
Large Text (above 18pt) WCAG AA × Fail

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 196.5360, 26.8508, -72.3841 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 196.5360, 26.8508, -72.3841 Background



This preview shows how black text looks on a background with the YUV color 196.5360, 26.8508, -72.3841.



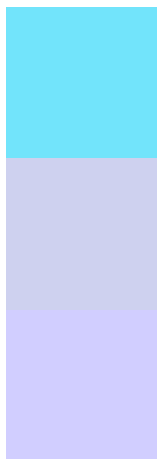
This preview shows how white text looks on a background with the YUV color 196.5360, 26.8508, -72.3841.

-72.3841.

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

196.5360, 26.8508, -72.3841

Protanopia

211.5230, 13.5462, -4.8437

Deuteranopia

212.4830, 20.9609, -3.0546



Tritanopia

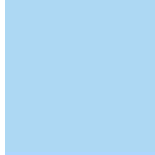
196.3680, 24.9616, -73.1137

Trichromacy



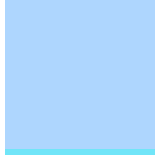
Original Color

196.5360, 26.8508, -72.3841



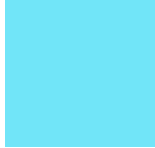
Protanomaly

206.2210, 18.1320, -29.1348



Deuteranomaly

206.6000, 23.3682, -28.5902



Tritanomaly

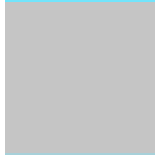
196.4820, 25.3984, -73.2137

Monochromacy



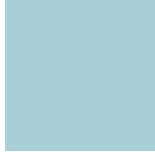
Original Color

196.5360, 26.8508, -72.3841



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.7670, 9.9749, -26.1057

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5360, 26.8508, -72.3841 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(114, 228, 251)` looks like.

```
.text, #text, p{  
    color:rgb(114, 228, 251)  
}
```

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(114, 228, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 228, 251) }
```

Border

The CSS property to change the border of an element to YUV 196.5360, 26.8508, -72.3841 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(114, 228, 251) }
```


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

```
.border{ border-color:rgb(114, 228, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 228, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 228, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 228, 251);  
box-shadow:4px 4px 4px 4px rgb(114, 228,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 196.5360, 26.8508, -72.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 228, 251) }
```

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

```
.background{ background-color: rgb(114,  
228, 251) }
```

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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