

Converting Colors

YUV(143.0130, 50.2796,
-73.6794)

Have a look what the booklet for
YUV(143.0130, 50.2796, -73.6794)
contains.

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Color

**YUV(143.0130, 50.2796,
-73.6794)**

Conversions

Conversions Part 1

Format	Color
Hex	3BA6F5
RGB	59, 166, 245
RGB Percent	23%, 65%, 96%
CMY	0.7686, 0.3490, 0.0392
CMYK	0.76, 0.32, 0.00, 0.04
HSL	205°, 90%, 60%
HSV	205°, 76%, 96%
XYZ	31.9213, 34.7948, 91.4198
YIQ	143.0130, -89.1310, 1.8850

Conversions

Conversions Part 2

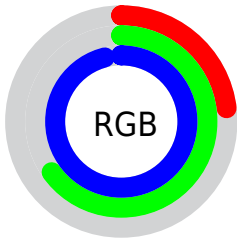
Format	Color
R _{YB}	59, 127, 245
Decimal	3909365
CIE Lab	65.59, -4.13, -48.01
CIE LCh	66, 48.186, 265.089
Yxy	34.7948, 0.2019, 0.2200
Android (android.graphics.Color)	4282099445 (0xFF3BA6F5)
YUV	143.0130, 50.2796, -73.6794
Hunter-Lab	58.9871, -6.6310, -50.5982

Details

The YUV color **143.0130, 50.2796, -73.6794** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **160.9870, -50.2796, 73.6794**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6670, 28.2652, -59.3440**, and **88.9370, 48.8381, -77.9977** is the 20% darker color. If you saturate the color by 10%, you get **129.6680, 56.8587, -83.9008**, and if you desaturate by 10%, it is **156.3580, 43.7005, -63.4580**.

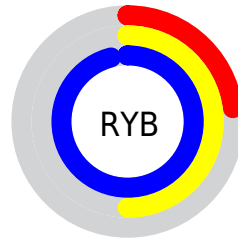
Distribution



Red (23%)

Green (65%)

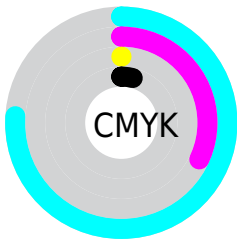
Blue (96%)



Red (23%)

Yellow (50%)

Blue (96%)

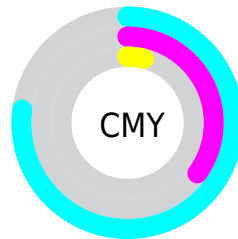


Cyan (76%)

Magenta (32%)

Yellow (0%)

Black (4%)



Cyan (77%)

Magenta (35%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.0130, 50.2796, -73.6794 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 143.0130, 50.2796, -73.6794 by changing the saturation by 10% instead.

■ 143.0130, 50.2796,
-73.6794

■ 143.0130, 50.2796,
-73.6794

255.0000, 0.0000,
0.0000

■ 106.8040, 53.8336,
-93.6671

■ 197.6670, 28.2652,
-59.3440

■ 88.9370, 48.8381,
-77.9977

■ 223.6710, 15.4452,
-54.0855

■ 71.1840, 44.2793,
-62.4284

■ 236.4620, 9.1392,
-38.1162

■ 54.6050, 39.1417,
-47.8886

■ 245.7310, 4.5696,
-19.0581

■ 39.4280, 34.2990,
-34.5784

■ 24.8380, 29.1669,
-21.7829

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 143.0130, 50.2796,
-73.6794

■ 143.0130, 50.2796,
-73.6794

■ 129.6680, 56.8587,
-83.9008

■ 156.3580, 43.7005,
-63.4580

■ 116.0350, 63.5797,
-92.9927

■ 169.9910, 36.9794,
-54.3661

■ 110.6970, 66.2114,
-97.0813

■ 183.0370, 30.5478,
-44.7594

■ 196.9690, 23.6793,
-35.0528

■ 210.3140, 17.1002,
-24.8314

■ 223.3600, 10.6685,
-15.2247

■ 237.2920, 3.8000,
-5.5181

■ 250.3380, -2.6316,
4.0886

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



129.4180, 49.0939, -113.4996



143.0130, 50.2796, -73.6794



160.9180, 38.0014, -8.6981

Triad

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



143.0130, 50.2796, -73.6794



159.9720, -17.2412, 70.1846



144.3280, -17.9097, -42.3837

Complementary

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



143.0130, 50.2796, -73.6794



160.9870, -50.2796, 73.6794

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.



152.0590, -36.5111, -2.6827



143.0130, 50.2796, -73.6794



158.4160, -34.2221, 56.6402

Square

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



143.0130, 50.2796, -73.6794



161.6180, 3.1463, 64.3560



155.6010, -41.7083, 31.0449



123.3470, 13.1399, -108.1753

Rectangle

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



143.0130, 50.2796, -73.6794



163.8960, 28.1523, 23.7702



155.6010, -41.7083, 31.0449



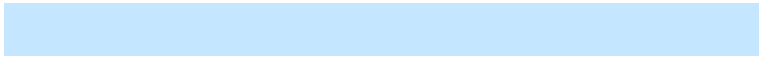
147.4670, -25.3732, -28.4736

Sweetspot

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



143.0130, 50.2796, -73.6794



222.6840, 15.9318, -23.4019



177.0740, -19.7565, -103.5509



107.8440, 9.9369, -13.8952



0.0000, 0.0000, 0.0000



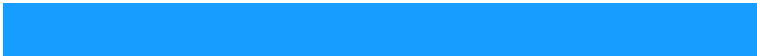
128.0000, 0.0000, 0.0000

Same Dimension

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



143.0130, 50.2796, -73.6794



127.5190, 62.8481, -91.6632



89.0090, 76.9036, -26.3179



115.4770, 3.2158, -4.8033



84.0130, 50.2796, -73.6794



26.6840, 15.9318, -23.4019

Inverse Universe

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



126.8120, 19.3197, 103.6509



107.5300, 23.8957, 129.3312



214.9910, -76.9036, 26.3179



114.3860, 1.2887, 6.6775



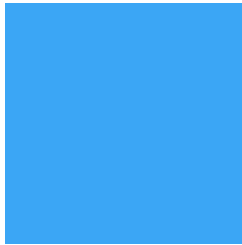
67.8120, 19.3197, 103.6509



21.5170, 6.1541, 32.8726

Previews

White Background



This preview shows how the YUV color 143.0130, 50.2796, -73.6794 looks on a white background.

Color Contrast Check

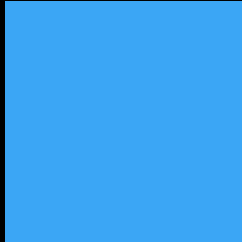
Large Text (above 18pt) WCAG AA × Fail

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 143.0130, 50.2796, -73.6794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

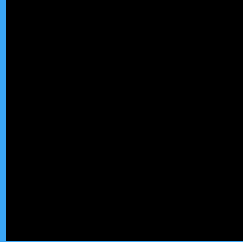
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

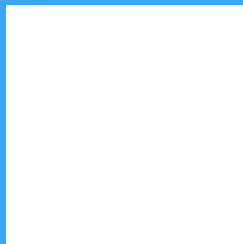
Any Text WCAG AAA ✓ Pass

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

YUV 143.0130, 50.2796, -73.6794 Background



This preview shows how black text looks on a background with the YUV color 143.0130, 50.2796, -73.6794.

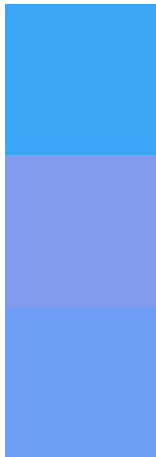


This preview shows how white text looks on a background with the YUV color 143.0130, 50.2796, -73.6794.

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

143.0130, 50.2796, -73.6794

Protanopia

157.0580, 38.9184, -22.8529

Deuteranopia

154.0930, 45.8032, -37.7926



Tritanopia

124.9720, 32.0588, -109.6004

Trichromacy



Original Color

143.0130, 50.2796, -73.6794

Protanomaly

151.9740, 42.9038, -41.1962

Deuteranomaly

150.0590, 47.2989, -50.9177

Tritanomaly

131.1830, 38.8568, -96.6305

Monochromacy



Original Color

143.0130, 50.2796, -73.6794

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.6450, 18.4160, -26.8757

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.0130, 50.2796, -73.6794 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(59, 166, 245)` looks like.

```
.text, #text, p{  
    color:rgb(59, 166, 245)  
}
```

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(59, 166, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 166, 245) }
```

Border

The CSS property to change the border of an element to YUV 143.0130, 50.2796, -73.6794 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(59, 166, 245) }
```


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

```
.border{ border-color:rgb(59, 166, 245) }
```

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

Here you see how a box with a 4 pixel rgb(59, 166, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 166, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 166, 245);  
box-shadow:4px 4px 4px 4px rgb(59, 166,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 143.0130, 50.2796, -73.6794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 166, 245) }
```

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

```
.background{ background-color: rgb(59, 166,  
245) }
```

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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