

Converting Colors

YUV(143.7330, 41.5436,
-71.6798)

Have a look what the booklet for
YUV(143.7330, 41.5436, -71.6798)
contains.

YUV(143.7330, 41.5436, -71.6798)	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(143.7330, 41.5436,
-71.6798)**

Conversions

Conversions Part 1

Format	Color
Hex	3EA9E4
RGB	62, 169, 228
RGB Percent	24%, 66%, 89%
CMY	0.7569, 0.3373, 0.1059
CMYK	0.73, 0.26, 0.00, 0.11
HSL	201°, 75%, 57%
HSV	201°, 73%, 89%
XYZ	30.1782, 35.0015, 78.5642
YIQ	143.7330, -82.7110, -4.3350

Conversions

Conversions Part 2

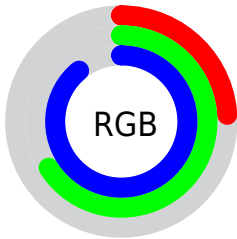
Format	Color
R _{YB}	62, 127, 228
Decimal	4106724
CIE Lab	65.75, -11.26, -38.44
CIE LCh	66, 40.053, 253.665
Yxy	35.0015, 0.2099, 0.2435
Android (android.graphics.Color)	4282296804 (0xFF3EA9E4)
YUV	143.7330, 41.5436, -71.6798
Hunter-Lab	59.1621, -12.4820, -37.3206

Details

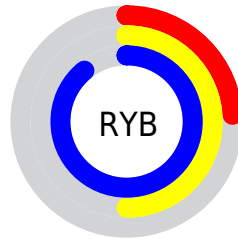
The YUV color **143.7330, 41.5436, -71.6798** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **146.2670, -41.5436, 71.6798**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.1290, 27.5444, -61.5031**, and **88.2870, 41.2705, -77.4277** is the 20% darker color. If you saturate the color by 10%, you get **132.1600, 47.2491, -81.7013**, and if you desaturate by 10%, it is **155.3060, 35.8381, -61.6584**.

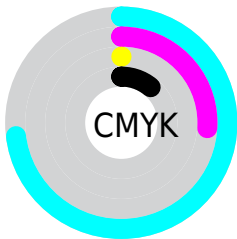
Distribution



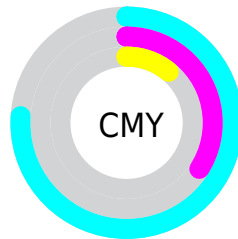
- Red (24%)
- Green (66%)
- Blue (89%)



- Red (24%)
- Yellow (50%)
- Blue (89%)



- Cyan (73%)
- Magenta (26%)
- Yellow (0%)
- Black (11%)



- Cyan (76%)
- Magenta (34%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.7330, 41.5436, -71.6798 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 143.7330, 41.5436, -71.6798 by changing the saturation by 10% instead.

■ 143.7330, 41.5436,
-71.6798

■ 143.7330, 41.5436,
-71.6798

■ 255.0000, 0.0000,
0.0000

■ 106.7410, 45.9767,
-93.6119

■ 199.1290, 27.5444,
-61.5031

■ 88.2870, 41.2705,
-77.4277

■ 225.4210, 14.5824,
-57.3742

■ 71.1210, 36.4223,
-62.3731

■ 235.8640, 9.4340,
-39.3457

■ 54.1830, 32.4478,
-47.5185

■ 244.8340, 5.0118,
-20.9024

■ 38.3050, 27.4576,
-33.5935

■ 254.1030, 0.4422,
-1.8443

■ 23.8290, 22.7623,
-20.8980

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 143.7330, 41.5436,
-71.6798

■ 143.7330, 41.5436,
-71.6798

■ 132.1600, 47.2491,
-81.7013

■ 155.3060, 35.8381,
-61.6584

■ 120.5870, 52.9546,
-91.7228

■ 166.8790, 30.1327,
-51.6369

■ 112.2810, 57.0495,
-98.4704

■ 178.1530, 24.5746,
-42.2302

■ 189.7260, 18.8691,
-32.2087

■ 201.8860, 12.8742,
-22.7020

■ 213.4590, 7.1687,
-12.6805

■ 225.0320, 1.4632,
-2.6591

■ 236.3060, -4.0949,
6.7476

■ 244.2910, -8.0315,
9.3918

Harmonies

Analogous

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



127.0240, 39.9212, -111.4000



143.7330, 41.5436, -71.6798



158.6190, 34.6978, -22.4679

Triad

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



143.7330, 41.5436, -71.6798



161.7840, -8.7675, 58.9484



150.7220, -22.0479, -21.6812

Complementary

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



143.7330, 41.5436, -71.6798



146.2670, -41.5436, 71.6798

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.



155.3470, -33.2021, 9.3427



143.7330, 41.5436, -71.6798



160.7390, -24.0283, 53.7259

Square

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



143.7330, 41.5436, -71.6798



164.1750, 8.2947, 46.3275



158.5120, -33.2834, 35.5080



142.9530, -2.4418, -56.9638

Rectangle

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



143.7330, 41.5436, -71.6798



163.0740, 28.0645, 5.1971



158.5120, -33.2834, 35.5080



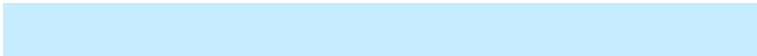
152.2350, -26.7379, -10.7301

Sweetspot

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



143.7330, 41.5436, -71.6798



226.5160, 14.0426, -24.1315



166.0540, -22.7046, -91.2554



110.7900, 8.4845, -14.7248



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.



143.7330, 41.5436, -71.6798



142.2490, 55.5862, -95.8114



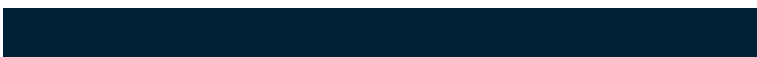
95.5990, 65.2737, -29.4663



109.0640, 2.9264, -5.3181



87.9110, 44.9069, -77.0979



25.1850, 12.7268, -22.0872

Inverse Universe

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



123.8320, 22.2678, 91.3553



115.6800, 29.7378, 122.1836



194.4010, -65.2737, 29.4663



107.5000, 1.7255, 6.5775



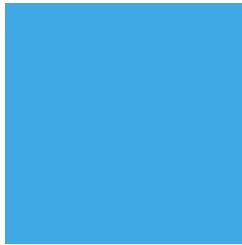
66.6310, 23.8459, 98.5476



19.0110, 6.8966, 28.0544

Previews

White Background



This preview shows how the YUV color 143.7330, 41.5436, -71.6798 looks on a white background.

Color Contrast Check

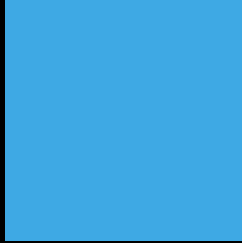
Large Text (above 18pt) WCAG AA × Fail

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 143.7330, 41.5436, -71.6798 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

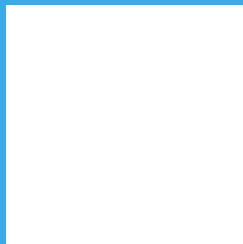
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 143.7330, 41.5436, -71.6798

Background



This preview shows how black text looks on a background with the YUV color 143.7330, 41.5436, -71.6798.



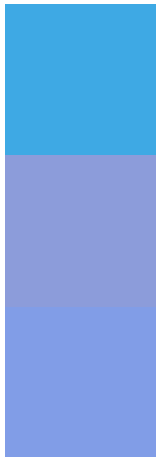
This preview shows how white text looks on a background with the YUV color 143.7330, 41.5436, -71.6798.

-71.6798.

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

143.7330, 41.5436, -71.6798

Protanopia

158.2840, 29.4400, -16.0351

Deuteranopia

157.0640, 36.4504, -24.6121



Tritanopia

133.0450, 28.0788, -93.0015

Trichromacy



Original Color

143.7330, 41.5436, -71.6798

Protanomaly

153.3030, 33.8676, -36.2227

Deuteranomaly

152.1220, 38.3939, -41.3260

Tritanomaly

136.7670, 33.1459, -84.8647

Monochromacy



Original Color

143.7330, 41.5436, -71.6798

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

143.8470, 15.3584, -26.1758

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.7330, 41.5436, -71.6798 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(62, 169, 228)` looks like.

```
.text, #text, p{  
    color:rgb(62, 169, 228)  
}
```

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(62, 169, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 169, 228) }
```

Border

The CSS property to change the border of an element to YUV 143.7330, 41.5436, -71.6798 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(62, 169, 228) }
```


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

```
.border{ border-color:rgb(62, 169, 228) }
```

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

Here you see how a box with a 4 pixel rgb(62, 169, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 169, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 169, 228);  
box-shadow:4px 4px 4px 4px rgb(62, 169,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 143.7330, 41.5436, -71.6798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 169, 228) }
```

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

```
.background{ background-color: rgb(62, 169,  
228) }
```

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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