

Converting Colors

YUV(135.9330, 44.8960,
-73.6092)

Have a look what the booklet for
YUV(135.9330, 44.8960, -73.6092)
contains.

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Color

**YUV(135.9330, 44.8960,
-73.6092)**

Conversions

Conversions Part 1

Format	Color
Hex	34A1E3
RGB	52, 161, 227
RGB Percent	20%, 63%, 89%
CMY	0.7961, 0.3686, 0.1098
CMYK	0.77, 0.29, 0.00, 0.11
HSL	203°, 76%, 55%
HSV	203°, 77%, 89%
XYZ	28.0262, 31.7659, 77.3273
YIQ	135.9330, -86.1500, -2.5820

Conversions

Conversions Part 2

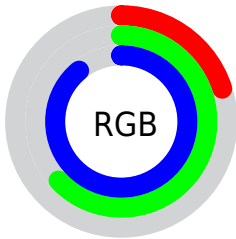
Format	Color
RYB	52, 119, 227
Decimal	3449315
CIELab	63.15, -8.36, -41.97
CIElCh	63, 42.799, 258.732
Yxy	31.7659, 0.2044, 0.2317
Android (android.graphics.Color)	4281639395 (0xFF34A1E3)
YUV	135.9330, 44.8960, -73.6092
Hunter-Lab	56.3612, -9.8712, -41.8928

Details

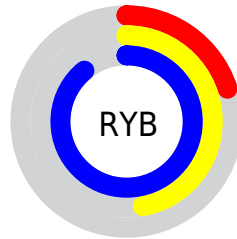
The YUV color **135.9330, 44.8960, -73.6092** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **143.0670, -44.8960, 73.6092**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.6390, 30.7440, -61.0734**, and **84.0640, 42.8594, -73.7241** is the 20% darker color. If you saturate the color by 10%, you get **123.7730, 50.8909, -83.1159**, and if you desaturate by 10%, it is **148.0930, 38.9012, -64.1026**.

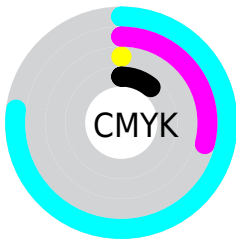
Distribution



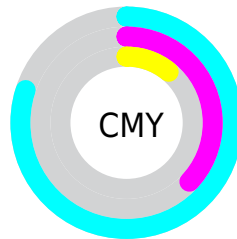
- Red (20%)
- Green (63%)
- Blue (89%)



- Red (20%)
- Yellow (47%)
- Blue (89%)



- Cyan (77%)
- Magenta (29%)
- Yellow (0%)
- Black (11%)



- Cyan (80%)
- Magenta (37%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.9330, 44.8960, -73.6092 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 135.9330, 44.8960, -73.6092 by changing the saturation by 10% instead.

■ 135.9330, 44.8960,
-73.6092

■ 135.9330, 44.8960,
-73.6092

■ 255.0000, 0.0000,
0.0000

■ 101.9310, 47.8550,
-89.3935

■ 192.6390, 30.7440,
-61.0734

■ 84.0640, 42.8594,
-73.7241

■ 218.3440, 18.0714,
-56.4297

■ 66.8980, 38.0113,
-58.6695

■ 234.0700, 10.3185,
-43.0344

■ 50.4330, 33.3105,
-44.2297

■ 243.0400, 5.8963,
-24.5911

■ 34.6690, 28.7572,
-30.4047

■ 252.3090, 1.3267,
-5.5330

■ 20.1930, 24.0619,
-17.7093

■ 7.5920, 18.9351,

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 135.9330, 44.8960,
-73.6092

■ 135.9330, 44.8960,
-73.6092

■ 123.7730, 50.8909,
-83.1159

■ 148.0930, 38.9012,
-64.1026

■ 112.4990, 56.4490,
-92.5226

■ 159.3670, 33.3431,
-54.6959

■ 108.6450, 58.3490,
-95.2817

■ 171.5270, 27.3482,
-45.1892

■ 183.1000, 21.6427,
-35.1677

■ 194.9610, 15.7952,
-26.2758

■ 206.5340, 10.0897,
-16.2543

■ 218.6940, 4.0949,
-6.7476

■ 230.2670, -1.6106,
3.2738

■ 241.8290, -7.3107,
11.5510

Harmonies

Analogous

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



123.0290, 42.3837, -107.8964



135.9330, 44.8960, -73.6092



152.5920, 35.6971, -16.3052

Triad

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



135.9330, 44.8960, -73.6092



154.2960, -11.9779, 62.0074



142.1340, -20.2791, -29.0585

Complementary

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



135.9330, 44.8960, -73.6092



143.0670, -44.8960, 73.6092

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.



147.3850, -34.2068, 4.9244



135.9330, 44.8960, -73.6092



152.8270, -27.5227, 54.5257

Square

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



135.9330, 44.8960, -73.6092



156.3500, 6.2365, 53.1901



150.9910, -36.4776, 33.3339



130.6350, 3.1379, -73.3479

Rectangle

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



135.9330, 44.8960, -73.6092



156.8900, 27.1692, 12.3745



150.9910, -36.4776, 33.3339



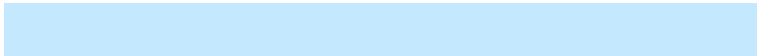
143.8320, -25.5532, -17.3927

Sweetspot

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



135.9330, 44.8960, -73.6092



224.4450, 15.0636, -24.9463



162.0210, -22.6884, -96.4884



109.0180, 9.3581, -14.9248



0.0000, 0.0000, 0.0000



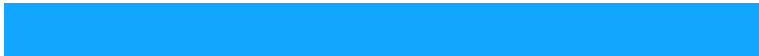
128.0000, 0.0000, 0.0000

Same Dimension

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



135.9330, 44.8960, -73.6092



131.8940, 60.6913, -99.8850



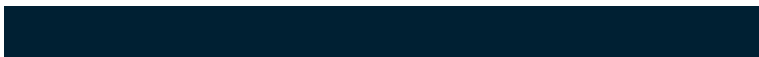
85.4510, 69.7837, -29.3365



108.4770, 3.2158, -4.8033



85.5630, 46.0644, -75.0388



24.5980, 13.0162, -21.5724

Inverse Universe

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



116.7510, 21.8148, 96.6884



105.7350, 29.7106, 130.9054



193.5490, -69.7837, 29.3365



107.3860, 1.2887, 6.6775



66.1750, 22.0987, 98.9475



18.8970, 6.4598, 28.1543

Previews

White Background



This preview shows how the YUV color 135.9330, 44.8960, -73.6092 looks on a white background.

Color Contrast Check

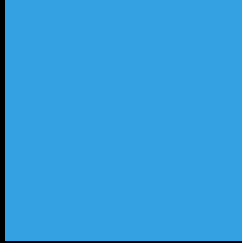
Large Text (above 18pt) WCAG AA × Fail

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 135.9330, 44.8960, -73.6092 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

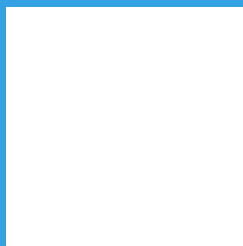
Any Text WCAG AAA ✓ Pass

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

YUV 135.9330, 44.8960, -73.6092 Background



This preview shows how black text looks on a background with the YUV color 135.9330, 44.8960, -73.6092.

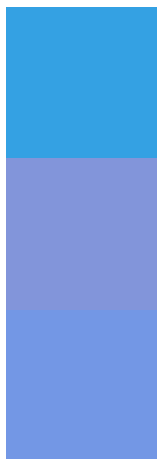


This preview shows how white text looks on a background with the YUV color 135.9330, 44.8960, -73.6092.

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

135.9330, 44.8960, -73.6092

Protanopia

151.1850, 32.9398, -18.5792

Deuteranopia

149.1280, 39.3769, -29.9303



Tritanopia

119.9510, 30.5902, -105.1970

Trichromacy



Original Color

135.9330, 44.8960, -73.6092

Protanomaly

145.5030, 37.2200, -38.1521

Deuteranomaly

144.4850, 41.1729, -46.0293

Tritanomaly

125.6950, 35.6464, -93.5715

Monochromacy



Original Color

135.9330, 44.8960, -73.6092

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.7760, 16.3794, -26.9906

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.9330, 44.8960, -73.6092 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(52, 161, 227)` looks like.

```
.text, #text, p{  
    color:rgb(52, 161, 227)  
}
```

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(52, 161, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 161, 227) }
```

Border

The CSS property to change the border of an element to YUV 135.9330, 44.8960, -73.6092 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(52, 161, 227) }
```


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

```
.border{ border-color:rgb(52, 161, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 161, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 161, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 161, 227);  
box-shadow:4px 4px 4px 4px rgb(52, 161,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 135.9330, 44.8960, -73.6092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 161, 227) }
```

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

```
.background{ background-color: rgb(52, 161,  
227) }
```

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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