

Converting Colors

YUV(137.7560, 36.6023,
-73.4540)

Have a look what the booklet for
YUV(137.7560, 36.6023, -73.4540)
contains.

YUV(137.7560, 36.6023, -73.4540)	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(137.7560, 36.6023,
-73.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	36A6D4
RGB	54, 166, 212
RGB Percent	21%, 65%, 83%
CMY	0.7882, 0.3490, 0.1686
CMYK	0.75, 0.22, 0.00, 0.17
HSL	197°, 65%, 52%
HSV	197°, 75%, 83%
XYZ	27.0412, 32.8102, 67.1951
YIQ	137.7560, -81.5180, -9.4380

Conversions

Conversions Part 2

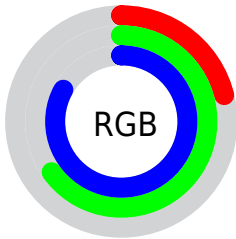
Format	Color
R _{YB}	54, 120, 212
Decimal	3581652
CIE Lab	64.01, -16.01, -32.33
CIE LCh	64, 36.079, 243.663
Yxy	32.8102, 0.2128, 0.2583
Android (android.graphics.Color)	4281771732 (0xFF36A6D4)
YUV	137.7560, 36.6023, -73.4540
Hunter-Lab	57.2802, -15.9728, -29.4567

Details

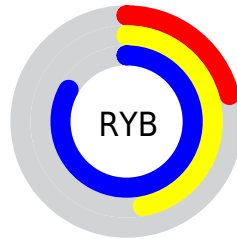
The YUV color **137.7560, 36.6023, -73.4540** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **128.2440, -36.6023, 73.4540**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.2750, 29.4444, -64.2622**, and **84.8160, 35.5867, -74.3836** is the 20% darker color. If you saturate the color by 10%, you get **127.9550, 41.4342, -83.2755**, and if you desaturate by 10%, it is **147.5570, 31.7704, -63.6325**.

Distribution



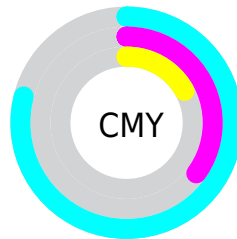
- Red (21%)
- Green (65%)
- Blue (83%)



- Red (21%)
- Yellow (47%)
- Blue (83%)



- Cyan (75%)
- Magenta (22%)
- Yellow (0%)
- Black (17%)



- Cyan (79%)
- Magenta (35%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7560, 36.6023, -73.4540 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 137.7560, 36.6023, -73.4540 by changing the saturation by 10% instead.

■ 137.7560, 36.6023,
-73.4540

■ 137.7560, 36.6023,
-73.4540

■ 255.0000, 0.0000,
0.0000

■ 103.1560, 39.8561,
-90.4678

■ 195.2750, 29.4444,
-64.2622

■ 84.8160, 35.5867,
-74.3836

■ 221.2680, 16.6299,
-60.7480

■ 67.7640, 31.1753,
-59.4290

■ 233.4720, 10.6133,
-44.2639

■ 50.8260, 27.2008,
-44.5744

■ 242.4420, 6.1911,
-25.8206

■ 35.0620, 22.6474,
-30.7494

■ 251.7110, 1.6215,
-6.7625

■ 21.2870, 18.0995,
-18.6687

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 137.7560, 36.6023,
-73.4540

■ 137.7560, 36.6023,
-73.4540

■ 127.9550, 41.4342,
-83.2755

■ 147.5570, 31.7704,
-63.6325

■ 118.1540, 46.2661,
-93.0971

■ 157.3580, 26.9385,
-53.8110

■ 112.2180, 49.1925,
-98.4152

■ 168.0450, 21.6698,
-43.8895

■ 177.8460, 16.8379,
-34.0679

■ 187.6470, 12.0060,
-24.2464

■ 197.4480, 7.1741,
-14.4249

■ 207.2490, 2.3422,
-4.6034

■ 217.3490, -2.6371,
5.8329

■ 227.7370, -7.7583,
15.1397

Harmonies

Analogous

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



122.0370, 33.5058, -107.0264



137.7560, 36.6023, -73.4540



151.2110, 33.4200, -32.6340

Triad

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



137.7560, 36.6023, -73.4540



158.2220, -3.0674, 50.6713



148.9300, -24.1225, -9.5856

Complementary

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



137.7560, 36.6023, -73.4540



128.2440, -36.6023, 73.4540

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.



152.0860, -30.6084, 17.4646



137.7560, 36.6023, -73.4540



156.7370, -17.6183, 51.0967

Square

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



137.7560, 36.6023, -73.4540



159.7220, 11.9691, 34.4468



154.6140, -27.9107, 38.9265



143.6410, -9.1900, -39.1502

Rectangle

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



137.7560, 36.6023, -73.4540



156.4100, 28.3919, -6.4986



154.6140, -27.9107, 38.9265



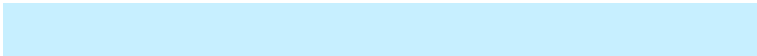
150.1870, -27.2072, -0.1640

Sweetspot

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



137.7560, 36.6023, -73.4540



228.8640, 12.8850, -26.1907



151.8760, -26.0679, -85.8373



111.9640, 7.9057, -15.7544



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.



137.7560, 36.6023, -73.4540



148.3850, 52.5612, -105.5776



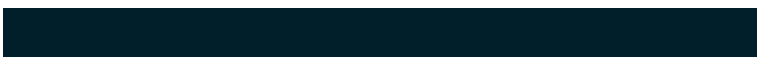
91.9700, 59.1748, -33.2997



101.9500, 2.4897, -5.2181



90.5210, 39.6761, -79.3869



23.0990, 9.8112, -20.2578

Inverse Universe

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



114.0100, 25.6311, 85.9372



114.2270, 36.8631, 123.4579



174.0300, -59.1748, 33.2997



100.2010, 1.8729, 5.9627



64.9230, 27.6460, 93.0295



16.3910, 7.2022, 23.3361

Previews

White Background



This preview shows how the YUV color 137.7560, 36.6023, -73.4540 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 137.7560, 36.6023, -73.4540 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 137.7560, 36.6023, -73.4540 Background



This preview shows how black text looks on a background with the YUV color 137.7560, 36.6023, -73.4540.

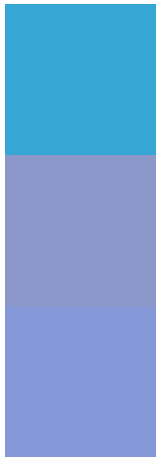


This preview shows how white text looks on a background with the YUV color 137.7560, 36.6023, -73.4540.

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

137.7560, 36.6023, -73.4540

Protanopia

154.4110, 23.4614, -11.7614

Deuteranopia

153.5010, 30.3190, -17.9794



Tritanopia

129.8390, 27.1944, -89.3128

Trichromacy



Original Color

137.7560, 36.6023, -73.4540

Protanomaly

148.2340, 28.4786, -34.4082

Deuteranomaly

147.6510, 32.7101, -38.2819

Tritanomaly

132.4960, 30.8145, -83.7500

Monochromacy



Original Color

137.7560, 36.6023, -73.4540

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.6790, 13.4693, -26.9055

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7560, 36.6023, -73.4540 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(54, 166, 212)` looks like.

```
.text, #text, p{  
    color:rgb(54, 166, 212)  
}
```

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(54, 166, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 166, 212) }
```

Border

The CSS property to change the border of an element to YUV 137.7560, 36.6023, -73.4540 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(54, 166, 212) }
```


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

```
.border{ border-color:rgb(54, 166, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 166, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 166, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 166, 212);  
box-shadow:4px 4px 4px 4px rgb(54, 166,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 137.7560, 36.6023, -73.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 166, 212) }
```

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

```
.background{ background-color: rgb(54, 166,  
212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor