

Converting Colors

YUV(143.5660, 34.7240,
-77.6724)

Have a look what the booklet for
YUV(143.5660, 34.7240, -77.6724)
contains.

YUV(143.5660, 34.7240, -77.6724)	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(143.5660, 34.7240,
-77.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	37AFD6
RGB	55, 175, 214
RGB Percent	22%, 69%, 84%
CMY	0.7843, 0.3137, 0.1608
CMYK	0.74, 0.18, 0.00, 0.16
HSL	195°, 66%, 53%
HSV	195°, 74%, 84%
XYZ	29.0431, 36.3272, 69.0994
YIQ	143.5660, -84.0390, -13.3110

Conversions

Conversions Part 2

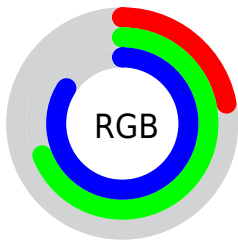
Format	Color
RYB	55, 123, 214
Decimal	3649494
CIELab	66.77, -19.99, -29.17
CIELCh	67, 35.358, 235.573
Yxy	36.3272, 0.2160, 0.2702
Android (android.graphics.Color)	4281839574 (0xFF37AFD6)
YUV	143.5660, 34.7240, -77.6724
Hunter-Lab	60.2721, -19.4628, -25.7831

Details

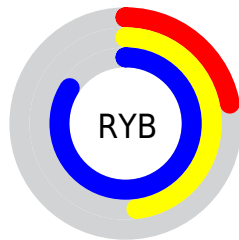
The YUV color **143.5660, 34.7240, -77.6724** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **125.4340, -34.7240, 77.6724**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4440, 26.4031, -68.7954**, and **89.7400, 34.1452, -78.7020** is the 20% darker color. If you saturate the color by 10%, you get **134.3520, 39.2665, -88.0087**, and if you desaturate by 10%, it is **152.7800, 30.1815, -67.3361**.

Distribution



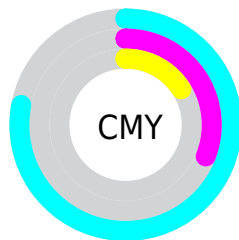
- Red (22%)
- Green (69%)
- Blue (84%)



- Red (22%)
- Yellow (48%)
- Blue (84%)



- Cyan (74%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)



- Cyan (78%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.5660, 34.7240, -77.6724 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 143.5660, 34.7240, -77.6724 by changing the saturation by 10% instead.

■ 143.5660, 34.7240,
-77.6724

■ 143.5660, 34.7240,
-77.6724

■ 255.0000, 0.0000,
0.0000

■ 108.0800, 38.4146,
-94.7862

■ 201.4440, 26.4031,
-68.7954

■ 89.7400, 34.1452,
-78.7020

■ 224.8010, 14.8881,
-62.0925

■ 72.1010, 30.0232,
-63.2326

■ 234.0700, 10.3185,
-43.0344

■ 55.0490, 25.6118,
-48.2780

■ 243.0400, 5.8963,
-24.5911

■ 39.3990, 21.4953,
-34.5529

■ 252.3090, 1.3267,
-5.5330

■ 25.0370, 17.2368,
-21.9574

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 143.5660, 34.7240,
-77.6724

■ 143.5660, 34.7240,
-77.6724

■ 134.3520, 39.2665,
-88.0087

■ 152.7800, 30.1815,
-67.3361

■ 124.8390, 43.9564,
-98.9598

■ 162.2930, 25.4916,
-56.3850

■ 119.4900, 46.5934,
-104.7927

■ 172.0940, 20.6597,
-46.5634

■ 181.6070, 15.9697,
-35.6123

■ 190.8210, 11.4272,
-25.2760

■ 200.0350, 6.8847,
-14.9397

■ 210.1350, 1.9054,
-4.5034

■ 219.3490, -2.6371,
5.8329

■ 228.8620, -7.3270,
16.7840

Harmonies

Analogous

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



137.6820, 25.2998, -88.2981



143.5660, 34.7240, -77.6724



156.2700, 33.8839, -41.4558

Triad

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



143.5660, 34.7240, -77.6724



165.9380, 1.0166, 47.4124



157.7030, -26.4756, -1.4935

Complementary

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



143.5660, 34.7240, -77.6724



125.4340, -34.7240, 77.6724

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.



160.8310, -30.4827, 23.8272



143.5660, 34.7240, -77.6724



164.7740, -13.6926, 51.9412

Square

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



143.5660, 34.7240, -77.6724



167.0030, 15.7745, 27.1844



162.9180, -25.5956, 43.0449



152.8440, -13.7271, -30.5582

Rectangle

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



143.5660, 34.7240, -77.6724



162.3980, 29.8768, -16.1350



162.9180, -25.5956, 43.0449



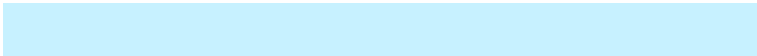
158.7750, -28.9761, 7.2133

Sweetspot

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



143.5660, 34.7240, -77.6724



230.0380, 12.3063, -27.2203



152.5510, -29.8516, -85.5522



112.5510, 7.6164, -16.2692



0.0000, 0.0000, 0.0000



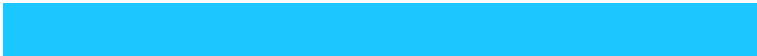
128.0000, 0.0000, 0.0000

Same Dimension

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



143.5660, 34.7240, -77.6724



154.2550, 49.6673, -110.7256



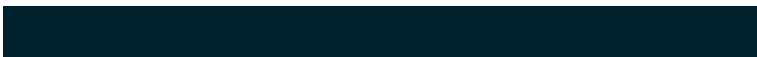
97.7800, 57.2965, -37.5181



101.9500, 2.4897, -5.2181



95.2170, 37.3610, -83.5053



24.2730, 9.2324, -21.2874

Inverse Universe

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



116.2210, 28.9780, 85.7522



115.3670, 41.2311, 122.4581



171.2200, -57.2965, 37.5181



100.2010, 1.8729, 5.9627



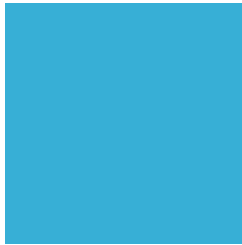
65.8350, 31.1403, 92.2297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 143.5660, 34.7240, -77.6724 looks on a white background.

Color Contrast Check

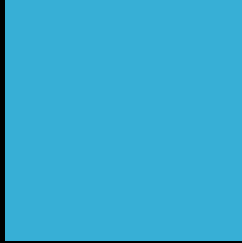
Large Text (above 18pt) WCAG AA × Fail

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 143.5660, 34.7240, -77.6724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

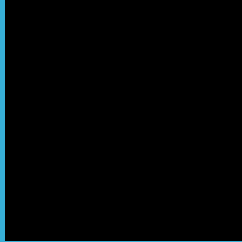
Any Text WCAG AA ✓ Pass

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 143.5660, 34.7240, -77.6724 Background



This preview shows how black text looks on a background with the YUV color 143.5660, 34.7240, -77.6724.



This preview shows how white text looks on a background with the YUV color 143.5660, 34.7240, -77.6724.

-77.6724.

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

143.5660, 34.7240, -77.6724

Protanopia

162.2110, 20.1090, -9.8320

Deuteranopia

161.5400, 27.8348, -14.5056



Tritanopia

138.1380, 27.0470, -88.6980

Trichromacy



Original Color

143.5660, 34.7240, -77.6724

Protanomaly

155.1370, 25.5685, -34.3231

Deuteranomaly

155.0810, 30.5261, -37.7820

Tritanomaly

140.5560, 29.7989, -84.6796

Monochromacy



Original Color

143.5660, 34.7240, -77.6724

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

143.7390, 12.4537, -27.8351

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.5660, 34.7240, -77.6724 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(55, 175, 214)` looks like.

```
.text, #text, p{  
    color:rgb(55, 175, 214)  
}
```

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(55, 175, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 175, 214) }
```

Border

The CSS property to change the border of an element to YUV 143.5660, 34.7240, -77.6724 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(55, 175, 214) }
```


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

```
.border{ border-color:rgb(55, 175, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 175, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 175, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 175, 214);  
box-shadow:4px 4px 4px 4px rgb(55, 175,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 143.5660, 34.7240, -77.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 175, 214) }
```

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

```
.background{ background-color: rgb(55, 175,  
214) }
```

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