

Converting Colors

YUV(157.2240, 33.4136,
-77.3724)

Have a look what the booklet for
YUV(157.2240, 33.4136, -77.3724)
contains.

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Color

**YUV(157.2240, 33.4136,
-77.3724)**

Conversions

Conversions Part 1

Format	Color
Hex	45BDE1
RGB	69, 189, 225
RGB Percent	27%, 74%, 88%
CMY	0.7294, 0.2588, 0.1176
CMYK	0.69, 0.16, 0.00, 0.12
HSL	194°, 72%, 58%
HSV	194°, 69%, 88%
XYZ	34.2424, 43.0966, 77.7479
YIQ	157.2240, -83.0760, -14.2440

Conversions

Conversions Part 2

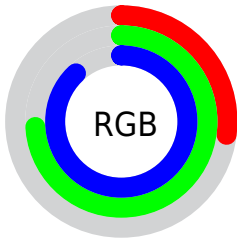
Format	Color
R _{YB}	69, 137, 225
Decimal	4570593
CIE Lab	71.62, -21.90, -27.69
CIE LCh	72, 35.303, 231.665
Yxy	43.0966, 0.2208, 0.2779
Android (android.graphics.Color)	4282760673 (0xFF45BDE1)
YUV	157.2240, 33.4136, -77.3724
Hunter-Lab	65.6480, -21.7773, -24.2643

Details

The YUV color **157.2240, 33.4136, -77.3724** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **136.7760, -33.4136, 77.3724**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2500, 20.5828, -68.6252**, and **98.6250, 35.1879, -86.4941** is the 20% darker color. If you saturate the color by 10%, you get **147.4120, 38.2509, -88.9383**, and if you desaturate by 10%, it is **166.7370, 28.7237, -66.4213**.

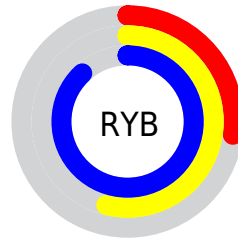
Distribution



Red (27%)

Green (74%)

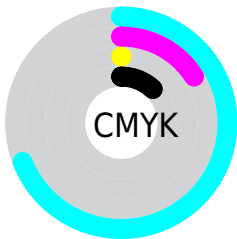
Blue (88%)



Red (27%)

Yellow (54%)

Blue (88%)

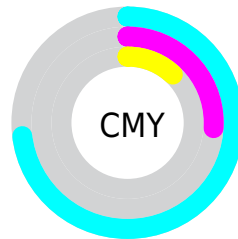


Cyan (69%)

Magenta (16%)

Yellow (0%)

Black (12%)



Cyan (73%)

Magenta (26%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.2240, 33.4136, -77.3724 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 157.2240, 33.4136, -77.3724 by changing the saturation by 10% instead.

■ 157.2240, 33.4136,
-77.3724

■ 157.2240, 33.4136,
-77.3724

■ 255.0000, 0.0000,
0.0000

■ 123.2330, 36.3671,
-91.4123

■ 213.2500, 20.5828,
-68.6252

■ 98.6250, 35.1879,
-86.4941

■ 228.3890, 13.1192,
-54.7152

■ 80.8720, 30.6291,
-70.9247

■ 237.3590, 8.6970,
-36.2718

■ 63.2330, 26.5071,
-55.4553

■ 246.6280, 4.1274,
-17.2138

■ 46.9960, 22.6800,
-41.2155

■ 31.3460, 18.5634,
-27.4904

■ 13.4620, 16.0412,

-11.8062

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 157.2240, 33.4136,
-77.3724

■ 157.2240, 33.4136,
-77.3724

■ 147.4120, 38.2509,
-88.9383

■ 166.7370, 28.7237,
-66.4213

■ 137.8990, 42.9408,
-99.8894

■ 176.5490, 23.8863,
-54.8555

■ 127.5000, 48.0675,
-110.9405

■ 186.6490, 18.9070,
-44.4192

■ 127.2010, 48.2149,
-111.5553

■ 196.4610, 14.0697,
-32.8533

■ 205.9740, 9.3798,
-21.9022

■ 215.7860, 4.5425,
-10.3363

■ 225.5980, -0.2948,
1.2296

■ 235.6980, -5.2741,
11.6659

■ 240.4270, -7.6055,
12.7805

Harmonies

Analogous

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



154.4010, 21.4943, -81.0357



157.2240, 33.4136, -77.3724



168.1770, 34.9157, -45.7592

Triad

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



157.2240, 33.4136, -77.3724



179.7960, 3.0586, 45.7829



171.0840, -27.6494, 1.6803

Complementary

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



157.2240, 33.4136, -77.3724



136.7760, -33.4136, 77.3724

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.



173.8530, -30.4935, 27.3159



157.2240, 33.4136, -77.3724



178.1270, -12.3876, 53.3856

Square

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



157.2240, 33.4136, -77.3724



180.1490, 17.6745, 24.4253



176.1680, -24.7328, 46.3337



166.2960, -15.9219, -26.5696

Rectangle

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



157.2240, 33.4136, -77.3724



174.4190, 31.3454, -20.5385



176.1680, -24.7328, 46.3337



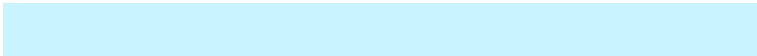
172.5690, -29.8605, 10.9020

Sweetspot

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



157.2240, 33.4136, -77.3724



231.8100, 11.4327, -27.0204



164.4480, -30.2939, -83.7079



113.7360, 7.0322, -15.5545



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.



157.2240, 33.4136, -77.3724



162.8490, 45.4304, -105.1076



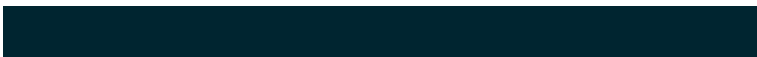
112.6120, 55.4073, -38.2477



107.5370, 2.2003, -5.7329



99.3090, 37.8087, -87.0940



27.1910, 10.2588, -23.8465

Inverse Universe

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



129.3240, 29.4203, 83.9079



124.9700, 39.9478, 114.0363



181.3880, -55.4073, 38.2477



105.3150, 2.3097, 5.8627



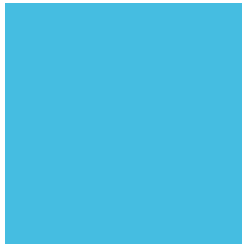
68.0140, 33.0241, 94.7037



18.5700, 9.0860, 25.8101

Previews

White Background



This preview shows how the YUV color 157.2240, 33.4136, -77.3724 looks on a white background.

Color Contrast Check

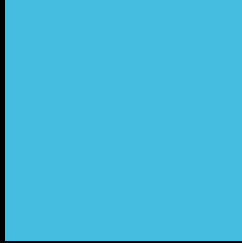
Large Text (above 18pt) WCAG AA × Fail

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 157.2240, 33.4136, -77.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

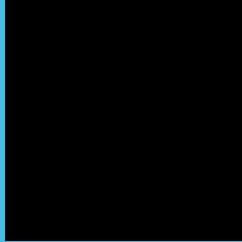
Any Text WCAG AA ✓ Pass

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 157.2240, 33.4136, -77.3724 Background



This preview shows how black text looks on a background with the YUV color 157.2240, 33.4136, -77.3724.



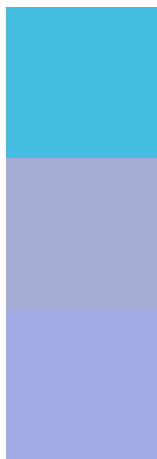
This preview shows how white text looks on a background with the YUV color 157.2240, 33.4136, -77.3724.

-77.3724.

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

157.2240, 33.4136, -77.3724

Protanopia

175.1680, 18.6512, -8.9173

Deuteranopia

174.6220, 26.8084, -11.9465



Tritanopia

153.7580, 26.7413, -83.9798

Trichromacy



Original Color

157.2240, 33.4136, -77.3724

Protanomaly

168.6810, 23.8213, -33.9232

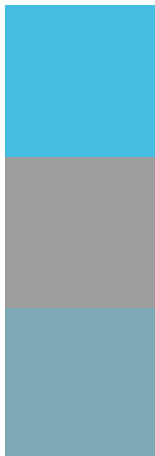
Deuteranomaly

168.7500, 29.2103, -35.7377

Tritanomaly

155.0510, 29.0619, -81.6057

Monochromacy



Original Color

157.2240, 33.4136, -77.3724

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.3260, 12.1643, -28.3499

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.2240, 33.4136, -77.3724 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(69, 189, 225)` looks like.

```
.text, #text, p{  
    color:rgb(69, 189, 225)  
}
```

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(69, 189, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 189, 225) }
```

Border

The CSS property to change the border of an element to YUV 157.2240, 33.4136, -77.3724 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(69, 189, 225) }
```


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

```
.border{ border-color:rgb(69, 189, 225) }
```

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

Here you see how a box with a 4 pixel rgb(69, 189, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 189, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 189, 225);  
box-shadow:4px 4px 4px 4px rgb(69, 189,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 157.2240, 33.4136, -77.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 189, 225) }
```

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

```
.background{ background-color: rgb(69, 189,  
225) }
```

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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