

Converting Colors

YUV(120.3440, -59.3296,
-57.3067)

Have a look what the booklet for
YUV(120.3440, -59.3296, -57.3067)
contains.

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Color

**YUV(120.3440, -59.3296,
-57.3067)**

Conversions

Conversions Part 1

Format	Color
Hex	37B100
RGB	55, 177, 0
RGB Percent	22%, 69%, 0%
CMY	0.7843, 0.3059, 1.0000
CMYK	0.69, 0.00, 1.00, 0.31
HSL	101°, 100%, 35%
HSV	101°, 100%, 69%
XYZ	17.2977, 32.2565, 5.3144
YIQ	120.3440, -15.8950, -80.9110

Conversions

Conversions Part 2

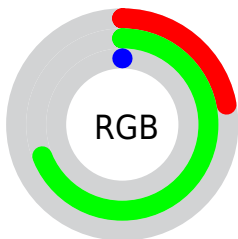
Format	Color
RYB	0, 177, 122
Decimal	3649792
CIELab	63.55, -59.56, 64.07
CIELCh	64, 87.478, 132.909
Yxy	32.2565, 0.3153, 0.5879
Android (android.graphics.Color)	4281839872 (0xFF37B100)
YUV	120.3440, -59.3296, -57.3067
Hunter-Lab	56.7948, -45.0261, 34.2084

Details

The YUV color **120.3440, -59.3296, -57.3067** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **56.6560, 59.3296, 57.3067**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9020, -52.2097, -54.2881**, and **72.2010, -35.5951, -63.3203** is the 20% darker color. If you saturate the color by 10%, you get **120.3440, -59.3296, -57.3067**, and if you desaturate by 10%, it is **125.9840, -53.2361, -51.7290**.

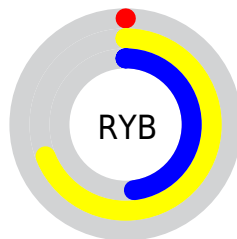
Distribution



Red (22%)

Green (69%)

Blue (0%)



Red (0%)

Yellow (69%)

Blue (48%)

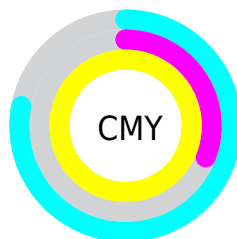


Cyan (69%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (78%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3440, -59.3296, -57.3067 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 120.3440, -59.3296, -57.3067 by changing the saturation by 10% instead.

■ 120.3440,
-59.3296, -57.3067

■ 120.3440,
-59.3296, -57.3067

■ 255.0000, 0.0000,
0.0000

■ 88.0500, -43.4087,
-77.2198

■ 181.9020,
-52.2097, -54.2881

■ 72.2010, -35.5951,
-63.3203

■ 206.3910,
-50.4788, -49.4549

■ 56.9390, -28.0709,
-49.9355

■ 218.5530,
-42.6706, -33.8110

■ 42.2640, -20.8362,
-37.0655

■ 230.7150,
-34.8625, -18.1671

■ 28.7630, -14.1802,
-25.2252

■ 242.8770,
-27.0544, -2.5231

■ 12.3270, -6.0772,
-10.8108

■ 250.6680,

■ 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

■ 254.0880, -3.4944,
0.7998

■ 120.3440,
-59.3296, -57.3067

■ 125.9840,
-53.2361, -51.7290

■ 131.5100,
-47.5794, -46.0513

■ 137.4490,
-41.6334, -39.8588

■ 143.0890,
-35.5399, -34.2811

■ 148.7290,
-29.4464, -28.7033

■ 154.2550,
-23.7897, -23.0256

■ 159.8950,
-17.6962, -17.4479

■ 165.8340,
-11.7502, -11.2554

■ 171.3600, -6.0935,
-5.5777

Harmonies

Analogous

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



140.8520, -69.4400, 12.4078



120.3440, -59.3296, -57.3067



120.5650, -7.6735, -105.7355

Triad

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



120.3440, -59.3296, -57.3067



131.7950, 60.7401, -115.5842



121.4920, 1.2364, 117.0865

Complementary

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



120.3440, -59.3296, -57.3067



56.6560, 59.3296, 57.3067

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.



139.1890, 30.9658, 101.5662



120.3440, -59.3296, -57.3067



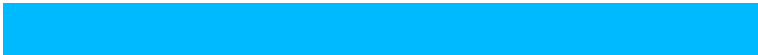
118.8810, 67.1067, -104.2586

Square

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



120.3440, -59.3296, -57.3067



138.2520, 57.5568, -121.2470



155.4780, 49.0643, 36.4148



136.8950, -43.8252, 103.5781

Rectangle

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



120.3440, -59.3296, -57.3067



128.0090, 15.7716, -112.2639



155.4780, 49.0643, 36.4148



122.6950, 13.4614, 116.0315

Sweetspot

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



120.3440, -59.3296, -57.3067



207.7820, -23.0635, -22.6108



123.9500, -61.1073, 46.5249



101.5410, -14.0707, -13.6295



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



120.3440, -59.3296, -57.3067



156.2390, -77.0258, -74.7546



107.5470, -37.2447, -94.3187



86.1800, -3.0467, -2.7889



104.1630, -51.3524, -49.2550



17.6540, -8.7034, -8.4666

Inverse Universe

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



56.6560, 59.3296, 57.3067



73.4620, 77.1732, 74.1398



69.4530, 37.2447, 94.3187



82.8200, 3.0467, 2.7889



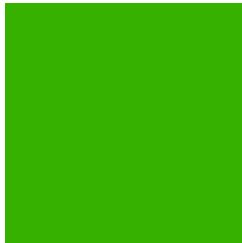
48.8370, 51.3524, 49.2550



8.3460, 8.7034, 8.4666

Previews

White Background



This preview shows how the YUV color 120.3440, -59.3296, -57.3067 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 120.3440, -59.3296, -57.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

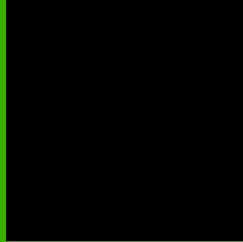
Any Text WCAG AA ✓ Pass

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 120.3440, -59.3296, -57.3067 Background



This preview shows how black text looks on a background with the YUV color 120.3440, -59.3296, -57.3067.



This preview shows how white text looks on a background with the YUV color 120.3440, -59.3296, -57.3067.

-57.3067.

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



Protanopia

141.2390, -69.6308, 26.9774

Deuteranopia

146.8550, -53.6655, 39.5922

Tritanopia

144.0570, 16.7339, -47.4080

Trichromacy



Protanomaly

133.6650, -65.8968, -4.0912

Deuteranomaly

137.3530, -55.8830, 4.0754

Tritanomaly

135.1080, -10.8992, -50.9607

Monochromacy



Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1350, -21.7586, -21.1664

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3440, -59.3296, -57.3067 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, 177, 0)` looks like.

```
.text, #text, p{  
    color:rgb(55, 177, 0)  
}
```

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, 177, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 177, 0) }
```

Border

The CSS property to change the border of an element to YUV 120.3440, -59.3296, -57.3067 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, 177, 0) }
```

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

```
.border{ border-color:rgb(55, 177, 0) }
```

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

Here you see how a box with a 4 pixel rgb(55, 177, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 177, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 177, 0);  
box-shadow:4px 4px 4px 4px rgb(55, 177, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 120.3440, -59.3296, -57.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 177, 0) }
```

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

```
.background{ background-color: rgb(55, 177,  
0) }
```

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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