

Converting Colors

YUV(145.9600, 27.1347,
-70.1249)

Have a look what the booklet for
YUV(145.9600, 27.1347, -70.1249)
contains.

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Color

**YUV(145.9600, 27.1347,
-70.1249)**

Conversions

Conversions Part 1

Format	Color
Hex	42B0C9
RGB	66, 176, 201
RGB Percent	26%, 69%, 79%
CMY	0.7412, 0.3098, 0.2118
CMYK	0.67, 0.12, 0.00, 0.21
HSL	191°, 56%, 52%
HSV	191°, 67%, 79%
XYZ	28.3147, 36.4260, 60.7969
YIQ	145.9600, -73.5850, -15.5450

Conversions

Conversions Part 2

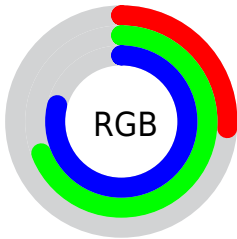
Format	Color
R _Y B	66, 127, 201
Decimal	4370633
CIE Lab	66.84, -23.15, -21.86
CIE LCh	67, 31.839, 223.351
Yxy	36.4260, 0.2255, 0.2902
Android (android.graphics.Color)	4282560713 (0xFF42B0C9)
YUV	145.9600, 27.1347, -70.1249
Hunter-Lab	60.3539, -21.8771, -17.4774

Details

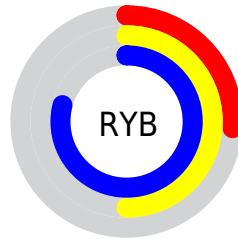
The YUV color **145.9600, 27.1347, -70.1249** is a light color, and the websafe version is hex **339999**. The color can be described as light muted azure. A complement of this color would be **121.0400, -27.1347, 70.1249**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.8250, 25.2293, -65.6215**, and **88.9590, 28.6142, -78.0170** is the 20% darker color. If you saturate the color by 10%, you get **137.6320, 31.2404, -80.3613**, and if you desaturate by 10%, it is **154.2880, 23.0290, -59.8886**.

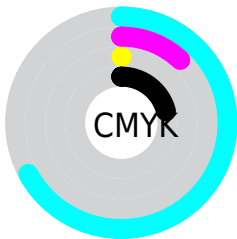
Distribution



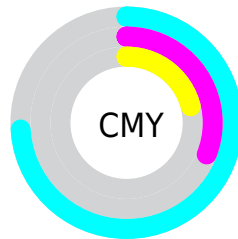
- Red (26%)
- Green (69%)
- Blue (79%)



- Red (26%)
- Yellow (50%)
- Blue (79%)



- Cyan (67%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)



- Cyan (74%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.9600, 27.1347, -70.1249 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 145.9600, 27.1347, -70.1249 by changing the saturation by 10% instead.

■ 145.9600, 27.1347,
-70.1249

■ 145.9600, 27.1347,
-70.1249

■ 255.0000, 0.0000,
0.0000

■ 113.8770, 29.6406,
-80.5761

■ 203.8250, 25.2293,
-65.6215

■ 88.9590, 28.6142,
-78.0170

■ 226.2960, 14.1511,
-59.0186

■ 71.3200, 24.4922,
-62.5476

■ 235.2660, 9.7289,
-40.5753

■ 54.3820, 20.5177,
-47.6930

■ 244.2360, 5.3067,
-22.1320

■ 38.1450, 16.6905,
-33.4532

■ 253.2060, 0.8844,
-3.6887

■ 23.8970, 12.8688,
-20.9577

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 145.9600, 27.1347,
-70.1249

■ 145.9600, 27.1347,
-70.1249

■ 137.6320, 31.2404,
-80.3613

■ 154.2880, 23.0290,
-59.8886

■ 129.8910, 35.0567,
-91.1124

■ 162.0290, 19.2127,
-49.1374

■ 121.5630, 39.1624,
-101.3488

■ 170.3570, 15.1070,
-38.9011

■ 119.1820, 40.3363,
-104.5226

■ 178.6850, 11.0013,
-28.6647

■ 187.3120, 6.7482,
-17.8136

■ 195.0530, 2.9319,
-7.0625

■ 203.3810, -1.1738,
3.1739

■ 211.7090, -5.2795,
13.4102

■ 220.0370, -9.3852,
23.6466

Harmonies

Analogous

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



145.9640, 14.3147, -64.8664



145.9600, 27.1347, -70.1249



154.1290, 30.9954, -48.3481

Triad

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



145.9600, 27.1347, -70.1249



166.9520, 6.4327, 36.8761



159.4700, -26.3607, 8.3578

Complementary

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



145.9600, 27.1347, -70.1249



121.0400, -27.1347, 70.1249

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.



161.9010, -26.5732, 29.9048



145.9600, 27.1347, -70.1249



165.4620, -7.1298, 46.9528

Square

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



145.9600, 27.1347, -70.1249



166.3110, 18.5807, 13.7593



163.9380, -19.1964, 43.9044



156.1940, -17.8436, -16.8331

Rectangle

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



145.9600, 27.1347, -70.1249



159.8050, 29.1831, -27.0160



163.9380, -19.1964, 43.9044



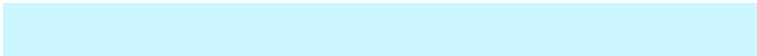
160.5850, -27.4034, 16.1500

Sweetspot

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



145.9600, 27.1347, -70.1249



234.4680, 10.1223, -26.7204



148.0950, -28.1478, -71.9973



115.2090, 6.3060, -15.9693



0.0000, 0.0000, 0.0000



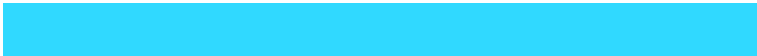
128.0000, 0.0000, 0.0000

Same Dimension

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



145.9600, 27.1347, -70.1249



170.8010, 41.5101, -107.6965



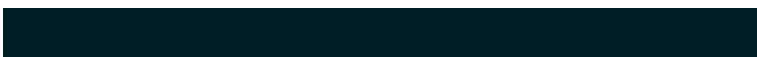
106.6310, 46.5239, -35.6334



95.7220, 1.6161, -5.0182



96.6530, 32.7091, -84.7647



21.1270, 7.3324, -18.5284

Inverse Universe

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



118.9050, 28.1478, 71.9973



129.1590, 43.3056, 110.3626



160.3690, -46.5239, 35.6334



93.6030, 2.1677, 4.7332



63.8990, 34.0668, 86.9116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 145.9600, 27.1347, -70.1249 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 145.9600, 27.1347, -70.1249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

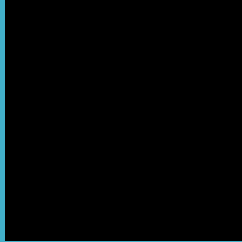
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.9600, 27.1347, -70.1249

Background



This preview shows how black text looks on a background with the YUV color 145.9600, 27.1347, -70.1249.



This preview shows how white text looks on a background with the YUV color 145.9600, 27.1347, -70.1249.

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

145.9600, 27.1347, -70.1249

Protanopia

162.2240, 13.6936, -5.4584

Deuteranopia

163.0480, 20.6823, -7.0581



Tritanopia

144.6130, 23.3618, -73.3286

Trichromacy



Original Color

145.9600, 27.1347, -70.1249

Protanomaly

156.3350, 18.5688, -29.2348

Deuteranomaly

156.8880, 23.2262, -29.7198

Tritanomaly

144.9660, 24.6668, -71.8842

Monochromacy



Original Color

145.9600, 27.1347, -70.1249

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.0660, 9.8275, -25.4909

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.9600, 27.1347, -70.1249 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(66, 176, 201)` looks like.

```
.text, #text, p{  
    color:rgb(66, 176, 201)  
}
```

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(66, 176, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 176, 201) }
```

Border

The CSS property to change the border of an element to YUV 145.9600, 27.1347, -70.1249 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(66, 176, 201) }
```


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

```
.border{ border-color:rgb(66, 176, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 176, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 176, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 176, 201);  
box-shadow:4px 4px 4px 4px rgb(66, 176,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 145.9600, 27.1347, -70.1249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 176, 201) }
```

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

```
.background{ background-color: rgb(66, 176,  
201) }
```

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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