

Converting Colors

YUV(120.4360, -42.1199,
-70.5424)

Have a look what the booklet for
YUV(120.4360, -42.1199, -70.5424)
contains.

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Color

**YUV(120.4360, -42.1199,
-70.5424)**

Conversions

Conversions Part 1

Format	Color
Hex	28B223
RGB	40, 178, 35
RGB Percent	16%, 70%, 14%
CMY	0.8431, 0.3020, 0.8627
CMYK	0.78, 0.00, 0.80, 0.30
HSL	118°, 67%, 42%
HSV	118°, 80%, 70%
XYZ	17.0988, 32.4133, 6.9453
YIQ	120.4360, -36.3450, -73.7290

Conversions

Conversions Part 2

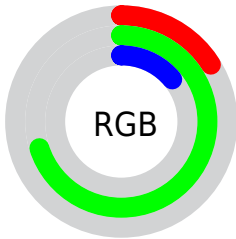
Format	Color
RYB	35, 178, 173
Decimal	2667043
CIELab	63.68, -61.20, 57.47
CIELCh	64, 83.958, 136.800
Yxy	32.4133, 0.3029, 0.5741
Android (android.graphics.Color)	4280857123 (0xFF28B223)
YUV	120.4360, -42.1199, -70.5424
Hunter-Lab	56.9326, -46.0224, 32.6200

Details

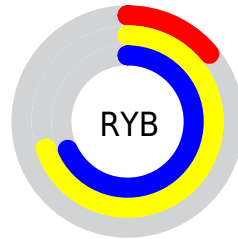
The YUV color **120.4360, -42.1199, -70.5424** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **92.5640, 42.1199, 70.5424**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.3230, -44.0362, -62.5503**, and **72.7880, -35.8845, -63.8351** is the 20% darker color. If you saturate the color by 10%, you get **113.3010, -47.4764, -79.1940**, and if you desaturate by 10%, it is **127.5710, -36.7635, -61.8908**.

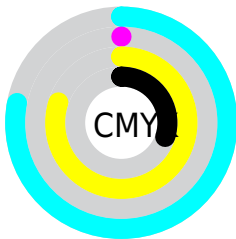
Distribution



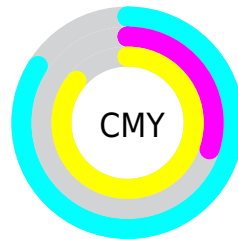
- Red (16%)
- Green (70%)
- Blue (14%)



- Red (14%)
- Yellow (70%)
- Blue (68%)



- Cyan (78%)
- Magenta (0%)
- Yellow (80%)
- Black (30%)



- Cyan (84%)
- Magenta (30%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4360, -42.1199, -70.5424 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 120.4360, -42.1199, -70.5424 by changing the saturation by 10% instead.

■ 120.4360,
-42.1199, -70.5424

■ 120.4360,
-42.1199, -70.5424

■ 255.0000, 0.0000,
0.0000

■ 88.6370, -43.6980,
-77.7346

■ 181.3230,
-44.0362, -62.5503

■ 72.7880, -35.8845,
-63.8351

■ 205.1110,
-42.4527, -57.1023

■ 57.5260, -28.3603,
-50.4503

■ 217.2730,
-34.6446, -41.4584

■ 42.2640, -20.8362,
-37.0655

■ 229.4350,
-26.8365, -25.8145

■ 29.3500, -14.4695,
-25.7399

■ 241.8960,
-19.1757, -9.5558

■ 12.3270, -6.0772,
-10.8108

■ 252.3780,

■ 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 120.4360,
-42.1199, -70.5424

■ 120.4360,
-42.1199, -70.5424

■ 113.3010,
-47.4764, -79.1940

■ 127.5710,
-36.7635, -61.8908

■ 106.2800,
-52.3960, -87.9456

■ 134.7060,
-31.4071, -53.2392

■ 142.0260,
-26.6348, -43.8728

■ 149.1610,
-21.2784, -35.2212

■ 156.2960,
-15.9219, -26.5696

■ 163.4310,
-10.5655, -17.9180

■ 170.5660, -5.2090,
-9.2664

■ 177.5870, -0.2894,
-0.5148

■ 185.0210, 4.9196,
8.7516

Harmonies

Analogous

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



140.2210, -69.1290, 5.9452



120.4360, -42.1199, -70.5424



121.9330, -2.4320, -106.9352

Triad

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



120.4360, -42.1199, -70.5424



130.6210, 61.3188, -114.5546



128.2110, -6.0200, 111.1940

Complementary

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



120.4360, -42.1199, -70.5424



92.5640, 42.1199, 70.5424

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.



139.6960, 25.2929, 101.1216



120.4360, -42.1199, -70.5424



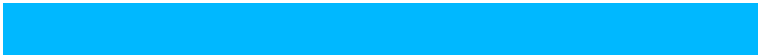
129.9880, 61.6309, -74.5345

Square

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



120.4360, -42.1199, -70.5424



137.0780, 58.1355, -120.2174



157.0060, 48.3110, 44.7217



141.7220, -48.1769, 99.3448

Rectangle

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



120.4360, -42.1199, -70.5424



129.1490, 20.1395, -113.2637



157.0060, 48.3110, 44.7217



128.1260, 6.3469, 111.2685

Sweetspot

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



120.4360, -42.1199, -70.5424



209.4700, -16.5007, -27.5992



157.5890, -60.4364, 17.9004



103.2570, -9.9867, -16.8884



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



120.4360, -42.1199, -70.5424



142.2930, -65.7134, -109.8820



126.2370, -13.4278, -80.0148



85.5820, -2.7519, -4.0184



91.3060, -45.0139, -75.6904



15.5610, -7.6716, -12.7700

Inverse Universe

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



92.5640, 42.1199, 70.5424



98.7070, 65.7134, 109.8820



86.7630, 13.4278, 80.0148



83.7170, 2.6045, 4.6332



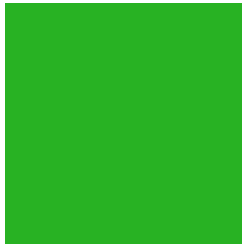
61.6940, 45.0139, 75.6904



10.4390, 7.6716, 12.7700

Previews

White Background



This preview shows how the YUV color 120.4360, -42.1199, -70.5424 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 120.4360, -42.1199, -70.5424 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 120.4360, -42.1199, -70.5424 Background



This preview shows how black text looks on a background with the YUV color 120.4360, -42.1199, -70.5424.



This preview shows how white text looks on a background with the YUV color 120.4360, -42.1199, -70.5424.

-70.5424.

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

120.4360, -42.1199, -70.5424

Protanopia

144.5450, -56.9637, 24.0780

Deuteranopia

148.0380, -47.8397, 37.6777



Tritanopia

142.3660, 18.0606, -52.9410

Trichromacy



Original Color

120.4360, -42.1199, -70.5424



Protanomaly

135.7040, -51.6191, -10.2644



Deuteranomaly

137.9530, -45.8258, -1.7128



Tritanomaly

134.3010, -3.5994, -59.0230

Monochromacy



Original Color

120.4360, -42.1199, -70.5424



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

120.1220, -15.3431, -25.5400

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4360, -42.1199, -70.5424 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(40, 178, 35)` looks like.

```
.text, #text, p{  
    color:rgb(40, 178, 35)  
}
```

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(40, 178, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 178, 35) }
```

Border

The CSS property to change the border of an element to YUV 120.4360, -42.1199, -70.5424 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(40, 178, 35) }
```


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

```
.border{ border-color:rgb(40, 178, 35) }
```

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

Here you see how a box with a 4 pixel rgb(40, 178, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 178, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 178, 35);  
box-shadow:4px 4px 4px 4px rgb(40, 178,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 120.4360, -42.1199, -70.5424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 178, 35) }
```

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

```
.background{ background-color: rgb(40, 178,  
35) }
```

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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