

Converting Colors

YUV(115.0320, -36.0048,
-71.9421)

Have a look what the booklet for
YUV(115.0320, -36.0048, -71.9421)
contains.

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Color

**YUV(115.0320, -36.0048,
-71.9421)**

Conversions

Conversions Part 1

Format	Color
Hex	21AB2A
RGB	33, 171, 42
RGB Percent	13%, 67%, 16%
CMY	0.8706, 0.3294, 0.8353
CMYK	0.81, 0.00, 0.75, 0.33
HSL	124°, 68%, 40%
HSV	124°, 81%, 67%
XYZ	15.6080, 29.6163, 7.0844
YIQ	115.0320, -40.8390, -69.3750

Conversions

Conversions Part 2

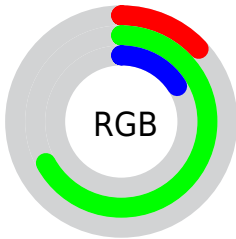
Format	Color
RYB	33, 163, 171
Decimal	2206506
CIELab	61.32, -59.48, 52.87
CIELCh	61, 79.582, 138.365
Yxy	29.6163, 0.2984, 0.5662
Android (android.graphics.Color)	4280396586 (0xFF21AB2A)
YUV	115.0320, -36.0048, -71.9421
Hunter-Lab	54.4209, -44.0423, 30.3764

Details

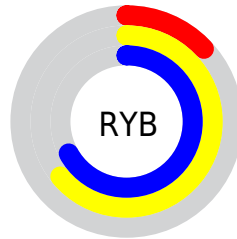
The YUV color **115.0320, -36.0048, -71.9421** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **88.9680, 36.0048, 71.9421**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8760, -39.3789, -63.0353**, and **68.6790, -33.8587, -60.2315** is the 20% darker color. If you saturate the color by 10%, you get **108.1250, -40.4876, -80.7936**, and if you desaturate by 10%, it is **121.9390, -31.5219, -63.0905**.

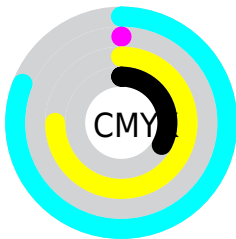
Distribution



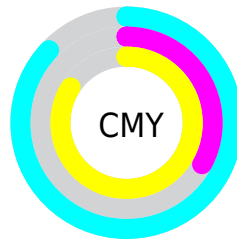
- Red (13%)
- Green (67%)
- Blue (16%)



- Red (13%)
- Yellow (64%)
- Blue (67%)



- Cyan (81%)
- Magenta (0%)
- Yellow (75%)
- Black (33%)





- Cyan (87%)
- Magenta (33%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.0320, -36.0048, -71.9421 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 115.0320, -36.0048, -71.9421 by changing the saturation by 10% instead.


 115.0320,
-36.0048, -71.9421


 115.0320,
-36.0048, -71.9421


255.0000, 0.0000,
0.0000


 85.0980, -39.4883,
-74.6309


 175.8760,
-39.3789, -63.0353


 68.6790, -33.8587,
-60.2315


 203.7730,
-39.8211, -61.1909


 53.4170, -26.3346,
-46.8467


 215.8210,
-32.4498, -45.4470

 38.7420, -19.0998,
-33.9767

 227.9830,
-24.6416, -29.8031

 25.2410, -12.4438,
-22.1364

 240.1450,
-16.8335, -14.1592

 5.2830, -2.6045,
-4.6332

 252.7200, -8.7360,

 0.0000, 0.0000,

1.9996

0.0000

■ 115.0320,
-36.0048, -71.9421

■ 115.0320,
-36.0048, -71.9421

■ 108.1250,
-40.4876, -80.7936

■ 121.9390,
-31.5219, -63.0905

■ 101.6310,
-44.6811, -89.1304

■ 128.8460,
-27.0391, -54.2389

■ 135.7530,
-22.5562, -45.3874

■ 142.6600,
-18.0734, -36.5358

■ 149.8660,
-13.7379, -27.0695

■ 156.7730, -9.2551,
-18.2179

■ 163.6800, -4.7722,
-9.3664

■ 170.5870, -0.2894,
-0.5148

■ 177.4940, 4.1935,
8.3368

Harmonies

Analogous

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



134.0080, -66.0659, 3.5010



115.0320, -36.0048, -71.9421



117.2370, -0.1168, -102.8168

Triad

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



115.0320, -36.0048, -71.9421



125.3380, 63.9234, -109.9214



129.0600, -10.3826, 110.4494

Complementary

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



115.0320, -36.0048, -71.9421



88.9680, 36.0048, 71.9421

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.



137.7410, 20.3407, 102.8361



115.0320, -36.0048, -71.9421



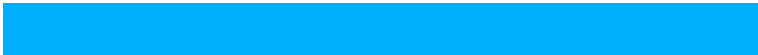
132.7670, 60.2609, -55.0467

Square

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



115.0320, -36.0048, -71.9421



132.1540, 59.5771, -115.8991



151.2080, 45.2535, 45.4216



138.7000, -48.1661, 95.8561

Rectangle

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



115.0320, -36.0048, -71.9421



124.1110, 21.1443, -108.8453



151.2080, 45.2535, 45.4216



128.1600, 1.4001, 111.2387

Sweetspot

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



115.0320, -36.0048, -71.9421



200.4530, -14.0273, -27.5843



153.1750, -59.2463, 9.4935



99.0120, -8.3869, -16.6735



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



115.0320, -36.0048, -71.9421



134.8010, -56.1039, -112.0815



122.6700, -6.7393, -78.6406



83.3970, -2.1677, -4.7332



89.1900, -39.0407, -78.2196



13.6150, -6.2192, -11.9404

Inverse Universe

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



88.9680, 36.0048, 71.9421



94.1990, 56.1039, 112.0815



81.3300, 6.7393, 78.6406



81.6030, 2.1677, 4.7332



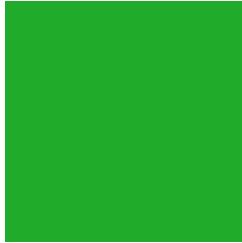
60.9240, 39.4775, 78.1197



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 115.0320, -36.0048, -71.9421 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 115.0320, -36.0048, -71.9421 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 × Fail

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

YUV 115.0320, -36.0048, -71.9421 Background



This preview shows how black text looks on a background with the YUV color 115.0320, -36.0048, -71.9421.



This preview shows how white text looks on a background with the YUV color 115.0320, -36.0048, -71.9421.

-71.9421.

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

115.0320, -36.0048, -71.9421

Protanopia

139.7280, -51.1379, 22.1635

Deuteranopia

143.1670, -43.4663, 34.9335



Tritanopia

135.6650, 17.9132, -52.3262

Trichromacy



Original Color

115.0320, -36.0048, -71.9421



Protanomaly

130.8870, -45.7933, -12.1789



Deuteranomaly

132.6090, -40.7262, -4.0421



Tritanomaly

127.8710, -1.4154, -59.5229

Monochromacy



Original Color

115.0320, -36.0048, -71.9421



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

114.6920, -13.1592, -26.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.0320, -36.0048, -71.9421 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(33, 171, 42)` looks like.

```
.text, #text, p{  
    color:rgb(33, 171, 42)  
}
```

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(33, 171, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 171, 42) }
```

Border

The CSS property to change the border of an element to YUV 115.0320, -36.0048, -71.9421 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(33, 171, 42) }
```


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

```
.border{ border-color:rgb(33, 171, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 171, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 171, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 171, 42);  
box-shadow:4px 4px 4px 4px rgb(33, 171,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 115.0320, -36.0048, -71.9421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 171, 42) }
```

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

```
.background{ background-color: rgb(33, 171,  
42) }
```

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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