

Converting Colors

YUV(114.5330, -35.7588,
-57.4724)

Have a look what the booklet for
YUV(114.5330, -35.7588, -57.4724)
contains.

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Color

**YUV(114.5330, -35.7588,
-57.4724)**

Conversions

Conversions Part 1

Format	Color
Hex	31A22A
RGB	49, 162, 42
RGB Percent	19%, 64%, 16%
CMY	0.8078, 0.3647, 0.8353
CMYK	0.70, 0.00, 0.74, 0.36
HSL	116°, 59%, 40%
HSV	116°, 74%, 64%
XYZ	14.6049, 26.6608, 6.5668
YIQ	114.5330, -28.8280, -61.2760

Conversions

Conversions Part 2

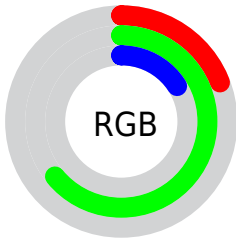
Format	Color
R_{YB}	42, 162, 155
Decimal	3252778
CIE _{Lab}	58.66, -54.00, 50.29
CIE _{LCh}	59, 73.790, 137.036
Yxy	26.6608, 0.3053, 0.5574
Android (android.graphics.Color)	4281442858 (0xFF31A22A)
YUV	114.5330, -35.7588, -57.4724
Hunter-Lab	51.6341, -39.8704, 28.6034

Details

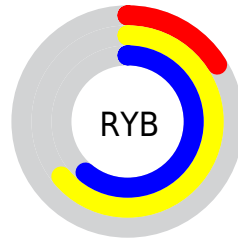
The YUV color **114.5330, -35.7588, -57.4724** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **89.4670, 35.7588, 57.4724**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9850, -37.9536, -53.4838**, and **63.9830, -31.5436, -56.1131** is the 20% darker color. If you saturate the color by 10%, you get **108.2240, -40.5364, -65.0944**, and if you desaturate by 10%, it is **120.8420, -30.9811, -49.8504**.

Distribution



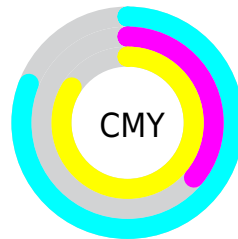
- Red (19%)
- Green (64%)
- Blue (16%)



- Red (16%)
- Yellow (64%)
- Blue (61%)



- Cyan (70%)
- Magenta (0%)
- Yellow (74%)
- Black (36%)



- Cyan (81%)
- Magenta (36%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.5330, -35.7588, -57.4724 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 114.5330, -35.7588, -57.4724 by changing the saturation by 10% instead.

■ 114.5330,
-35.7588, -57.4724

■ 114.5330,
-35.7588, -57.4724

■ 255.0000, 0.0000,
0.0000

■ 80.1570, -35.5734,
-70.2977

■ 171.9850,
-37.9536, -53.4838

■ 63.9830, -31.5436,
-56.1131

■ 201.0560,
-38.9746, -52.6691

■ 48.7210, -24.0195,
-42.7283

■ 217.5010,
-33.7710, -41.6584

■ 34.6330, -17.0741,
-30.3731

■ 229.2500,
-26.2523, -26.5293

■ 21.1320, -10.4181,
-18.5328

■ 241.5260,
-18.0073, -10.9853

■ 0.0000, 0.0000,
0.0000

■ 252.4920, -9.6096,

2.1995

■ 114.5330,
-35.7588, -57.4724

■ 114.5330,
-35.7588, -57.4724

■ 108.2240,
-40.5364, -65.0944

■ 120.8420,
-30.9811, -49.8504

■ 101.6160,
-45.1667, -73.3312

■ 127.4500,
-26.3508, -41.6136

■ 97.7850, -48.2080,
-77.8644

■ 133.8730,
-21.1364, -34.0916

■ 140.1820,
-16.3587, -26.4696

■ 146.4910,
-11.5811, -18.8476

■ 153.0990, -6.9508,
-10.6108

■ 159.4080, -2.1731,
-2.9888

■ 165.8310, 3.0413,
4.5332

■ 172.1400, 7.8190,
12.1552

Harmonies

Analogous

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



127.8280, -63.0192, 6.2898



114.5330, -35.7588, -57.4724



111.1560, -0.5699, -97.4838

Triad

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



114.5330, -35.7588, -57.4724



121.2290, 65.9491, -106.3178



129.2340, -10.9614, 109.4198

Complementary

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



114.5330, -35.7588, -57.4724



89.4670, 35.7588, 57.4724

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.



135.4040, 18.0418, 93.4847



114.5330, -35.7588, -57.4724



128.0380, 62.5923, -56.1613

Square

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



114.5330, -35.7588, -57.4724



124.8190, 54.3192, -109.4663



144.3660, 42.2176, 39.1440



133.0350, -42.9083, 89.4233

Rectangle

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



114.5330, -35.7588, -57.4724



117.4600, 18.5072, -103.0124



144.3660, 42.2176, 39.1440



129.9810, -0.4836, 108.7647

Sweetspot

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



114.5330, -35.7588, -57.4724



193.4860, -14.0436, -22.3512



143.6240, -50.1006, 16.1158



96.0340, -8.3978, -13.1848



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



114.5330, -35.7588, -57.4724



137.2320, -56.3164, -90.5345



118.3680, -12.0134, -66.9747



78.5820, -2.7519, -4.0184



87.5070, -43.1410, -69.7276



10.8650, -5.3564, -8.6516

Inverse Universe

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



89.4670, 35.7588, 57.4724



97.7680, 56.3164, 90.5345



85.6320, 12.0134, 66.9747



76.4180, 2.7519, 4.0184



57.4930, 43.1410, 69.7276



7.1350, 5.3564, 8.6516

Previews

White Background



This preview shows how the YUV color 114.5330, -35.7588, -57.4724 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 114.5330, -35.7588, -57.4724 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 114.5330, -35.7588, -57.4724 Background



This preview shows how black text looks on a background with the YUV color 114.5330, -35.7588, -57.4724.



This preview shows how white text looks on a background with the YUV color 114.5330, -35.7588, -57.4724.

-57.4724.

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

114.5330, -35.7588, -57.4724

Protanopia

133.2270, -47.9329, 20.8489

Deuteranopia

136.4380, -41.1349, 33.8189



Tritanopia

131.1390, 15.7075, -44.8489

Trichromacy



Original Color

114.5330, -35.7588, -57.4724

Protanomaly

126.4900, -43.6256, -7.4457

Deuteranomaly

128.6850, -39.2847, 0.2763

Tritanomaly

125.1820, -3.0477, -49.2716

Monochromacy



Original Color

114.5330, -35.7588, -57.4724

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.7250, -13.1754, -20.8068

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5330, -35.7588, -57.4724 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(49, 162, 42)` looks like.

```
.text, #text, p{  
    color:rgb(49, 162, 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(49, 162, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 162, 42) }
```

Border

The CSS property to change the border of an element to YUV 114.5330, -35.7588, -57.4724 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(49, 162, 42) }
```


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

```
.border{ border-color:rgb(49, 162, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 162, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 162, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 162, 42);  
box-shadow:4px 4px 4px 4px rgb(49, 162,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 114.5330, -35.7588, -57.4724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 162, 42) }
```

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

```
.background{ background-color: rgb(49, 162,  
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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