

Converting Colors

YUV(114.0890, -42.4419,
-60.5911)

Have a look what the booklet for
YUV(114.0890, -42.4419, -60.5911)
contains.

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Color

**YUV(114.0890, -42.4419,
-60.5911)**

Conversions

Conversions Part 1

Format	Color
Hex	2DA61C
RGB	45, 166, 28
RGB Percent	18%, 65%, 11%
CMY	0.8235, 0.3490, 0.8902
CMYK	0.73, 0.00, 0.83, 0.35
HSL	113°, 71%, 38%
HSV	113°, 83%, 65%
XYZ	14.9280, 27.9142, 5.6998
YIQ	114.0890, -27.8180, -68.5700

Conversions

Conversions Part 2

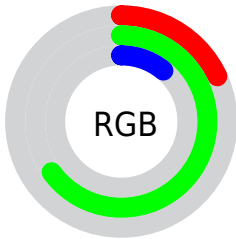
Format	Color
R_{YB}	28, 166, 149
Decimal	2991644
CIE _{Lab}	59.81, -57.00, 55.89
CIE _{LCh}	60, 79.833, 135.564
Y _{xy}	27.9142, 0.3075, 0.5751
Android (android.graphics.Color)	4281181724 (0xFF2DA61C)
YUV	114.0890, -42.4419, -60.5911
Hunter-Lab	52.8339, -42.0247, 30.5874

Details

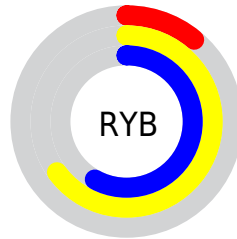
The YUV color **114.0890, -42.4419, -60.5911** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **79.9110, 42.4419, 60.5911**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0080, -42.8949, -55.2580**, and **66.3310, -32.7012, -58.1723** is the 20% darker color. If you saturate the color by 10%, you get **107.6660, -47.6563, -68.1131**, and if you desaturate by 10%, it is **120.5120, -37.2274, -53.0690**.

Distribution



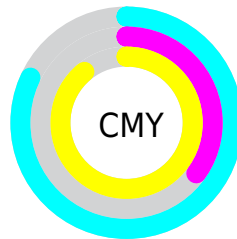
- Red (18%)
- Green (65%)
- Blue (11%)



- Red (11%)
- Yellow (65%)
- Blue (58%)



- Cyan (73%)
- Magenta (0%)
- Yellow (83%)
- Black (35%)



- Cyan (82%)
- Magenta (35%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.0890, -42.4419, -60.5911 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 114.0890, -42.4419, -60.5911 by changing the saturation by 10% instead.

■ 114.0890,
-42.4419, -60.5911

■ 114.0890,
-42.4419, -60.5911

■ 255.0000, 0.0000,
0.0000

■ 81.5930, -40.2253,
-71.5571

■ 173.0080,
-42.8949, -55.2580

■ 66.3310, -32.7012,
-58.1723

■ 202.0790,
-43.9159, -54.4433

■ 51.0690, -25.1770,
-44.7875

■ 216.1760,
-37.5548, -41.3734

■ 36.3940, -17.9422,
-31.9175

■ 228.2240,
-30.1834, -25.6294

■ 22.8930, -11.2862,
-20.0772

■ 240.5000,
-21.9385, -10.0855

■ 0.0000, 0.0000,
0.0000

■ 251.4660,

-13.5407, 3.0993

254.8860, -0.4368,
0.1000

■ 114.0890,
-42.4419, -60.5911

■ 114.0890,
-42.4419, -60.5911

■ 107.6660,
-47.6563, -68.1131

■ 120.5120,
-37.2274, -53.0690

■ 103.4220,
-50.9870, -73.1611

■ 126.5220,
-32.3023, -46.0618

■ 132.9450,
-27.0879, -38.5398

■ 138.9550,
-22.1628, -31.5325

■ 145.3780,
-16.9484, -24.0105

■ 151.5020,
-11.5865, -17.1033

■ 157.8110, -6.8088,
-9.4812

■ 163.9350, -1.4470,
-2.5740

■ 170.2440, 3.3307,
5.0480

Harmonies

Analogous

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



131.0840, -64.6244, 7.8193



114.0890, -42.4419, -60.5911



113.6350, -3.7641, -99.6579

Triad

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



114.0890, -42.4419, -60.5911



124.1640, 64.5021, -108.8918



124.7060, -6.7571, 114.2678

Complementary

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



114.0890, -42.4419, -60.5911



79.9110, 42.4419, 60.5911

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.



135.0120, 22.6721, 101.7215



114.0890, -42.4419, -60.5911



114.8380, 69.0999, -90.1889

Square

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



114.0890, -42.4419, -60.5911



128.7800, 56.8035, -112.9401



147.1470, 47.7485, 38.4591



133.6340, -44.6826, 98.5450

Rectangle

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



114.0890, -42.4419, -60.5911



120.5090, 17.4971, -105.6864



147.1470, 47.7485, 38.4591



124.9800, 4.4469, 114.0275

Sweetspot

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



114.0890, -42.4419, -60.5911



196.4920, -16.5116, -24.1105



139.7020, -55.0691, 23.0633



97.5670, -10.1395, -14.5293



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



114.0890, -42.4419, -60.5911



135.4520, -66.7778, -95.1124



114.8200, -17.6593, -76.1411



80.9950, -2.4625, -3.5036



92.2580, -45.4832, -65.1243



12.6370, -6.2300, -8.4516

Inverse Universe

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



79.9110, 42.4419, 60.5911



81.5480, 66.7778, 95.1124



79.1800, 17.6593, 76.1411



79.0050, 2.4625, 3.5036



55.7420, 45.4832, 65.1243



7.6620, 6.0826, 9.0664

Previews

White Background



This preview shows how the YUV color 114.0890, -42.4419, -60.5911 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 114.0890, -42.4419, -60.5911 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 114.0890, -42.4419, -60.5911 Background



This preview shows how black text looks on a background with the YUV color 114.0890, -42.4419, -60.5911.



This preview shows how white text looks on a background with the YUV color 114.0890, -42.4419, -60.5911.

-60.5911.

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

114.0890, -42.4419, -60.5911

Protanopia

134.5880, -55.5059, 23.1633

Deuteranopia

138.3690, -46.5239, 35.6334



Tritanopia

133.9430, 16.2971, -47.3080

Trichromacy



Original Color

114.0890, -42.4419, -60.5911



Protanomaly

126.9540, -50.7563, -6.9757



Deuteranomaly

129.4910, -45.1051, 0.4464



Tritanomaly

126.5900, -5.2209, -52.2604

Monochromacy



Original Color

114.0890, -42.4419, -60.5911



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.1440, -15.3540, -22.0513

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0890, -42.4419, -60.5911 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(45, 166, 28)` looks like.

```
.text, #text, p{  
    color:rgb(45, 166, 28)  
}
```

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(45, 166, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 166, 28) }
```

Border

The CSS property to change the border of an element to YUV 114.0890, -42.4419, -60.5911 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(45, 166, 28) }
```


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

```
.border{ border-color:rgb(45, 166, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 166, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 166, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 166, 28);  
box-shadow:4px 4px 4px 4px rgb(45, 166,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 114.0890, -42.4419, -60.5911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 166, 28) }
```

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

```
.background{ background-color: rgb(45, 166,  
28) }
```

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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