

Converting Colors

YUV(114.1110, -12.3797,
-89.5513)

Have a look what the booklet for
YUV(114.1110, -12.3797, -89.5513)
contains.

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Color

**YUV(114.1110, -12.3797,
-89.5513)**

Conversions

Conversions Part 1

Format	Color
Hex	0CAB59
RGB	12, 171, 89
RGB Percent	5%, 67%, 35%
CMY	0.9529, 0.3294, 0.6510
CMYK	0.93, 0.00, 0.48, 0.33
HSL	149°, 87%, 36%
HSV	149°, 93%, 67%
XYZ	16.5177, 29.9253, 14.3568
YIQ	114.1110, -68.4420, -59.2100

Conversions

Conversions Part 2

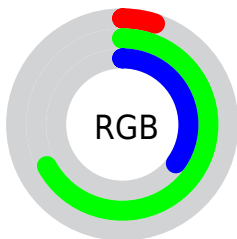
Format	Color
RYB	12, 119, 171
Decimal	830297
CIELab	61.59, -55.41, 31.98
CIElCh	62, 63.981, 150.011
Yxy	29.9253, 0.2717, 0.4922
Android (android.graphics.Color)	4279020377 (0xFF0CAB59)
YUV	114.1110, -12.3797, -89.5513
Hunter-Lab	54.7040, -41.8344, 22.7324

Details

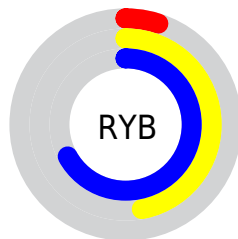
The YUV color **114.1110, -12.3797, -89.5513** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **68.8890, 12.3797, 89.5513**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2010, -18.8331, -72.9673**, and **73.3530, -15.9500, -64.3306** is the 20% darker color. If you saturate the color by 10%, you get **109.8390, -13.2316, -96.3288**, and if you desaturate by 10%, it is **120.2200, -10.9545, -79.9999**.

Distribution



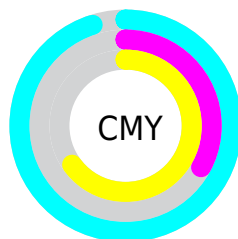
- Red (5%)
- Green (67%)
- Blue (35%)



- Red (5%)
- Yellow (47%)
- Blue (67%)



- Cyan (93%)
- Magenta (0%)
- Yellow (48%)
- Black (33%)





- Cyan (95%)
- Magenta (33%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.1110, -12.3797, -89.5513 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 114.1110, -12.3797, -89.5513 by changing the saturation by 10% instead.


 114.1110,
-12.3797, -89.5513


 114.1110,
-12.3797, -89.5513


255.0000, 0.0000,
0.0000


 91.9380, -13.2804,
-80.6296


 178.2010,
-18.8331, -72.9673

 73.3530, -15.9500,
-64.3306


 206.0980,
-19.2753, -71.1229


 55.3550, -18.9090,
-48.5463

 218.2600,
-11.4672, -55.4790

 38.7420, -19.0998,
-33.9767

 230.4220, -3.6590,
-39.8351

 25.8280, -12.7332,
-22.6512

 242.6980, 4.5859,
-24.2911

 6.4570, -3.1833,
-5.6628

 252.0100, 1.4741,

 0.0000, 0.0000,

-6.1478

0.0000

■ 114.1110,
-12.3797, -89.5513

■ 114.1110,
-12.3797, -89.5513

■ 109.8390,
-13.2316, -96.3288

■ 120.2200,
-10.9545, -79.9999

■ 126.3290, -9.5292,
-70.4485

■ 132.3240, -8.5407,
-60.7971

■ 138.4330, -7.1155,
-51.2457

■ 144.5420, -5.6902,
-41.6943

■ 150.9500, -4.4123,
-31.5281

■ 157.0590, -2.9871,
-21.9767

■ 163.1680, -1.5618,
-12.4253

■ 169.1630, -0.5734,
-2.7740

Harmonies

Analogous

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



135.4200, -47.5351, -13.5233



114.1110, -12.3797, -89.5513



119.4830, 13.5659, -104.7866

Triad

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



114.1110, -12.3797, -89.5513



120.0550, 66.5279, -105.2882



144.0840, -23.7054, 90.2573

Complementary

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



114.1110, -12.3797, -89.5513



68.8890, 12.3797, 89.5513

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.



145.9570, 2.4862, 89.4917



114.1110, -12.3797, -89.5513



150.7690, 47.4419, -3.3054

Square

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



114.1110, -12.3797, -89.5513



127.2470, 58.5452, -111.5956



151.7630, 26.7388, 57.2128



144.3390, -47.4951, 67.2317

Rectangle

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



114.1110, -12.3797, -89.5513



123.9290, 30.6010, -108.6857



151.7630, 26.7388, 57.2128



143.9840, -15.2751, 92.9760

Sweetspot

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



114.1110, -12.3797, -89.5513



199.8140, -4.8383, -34.9169



129.8510, -58.1005, -31.4413



98.4720, -2.6977, -21.4619



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.



114.1110, -12.3797, -89.5513



142.5120, -17.5074, -124.9830



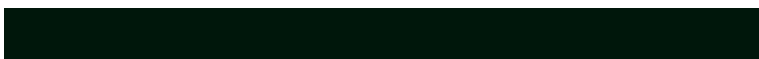
123.1170, 22.1273, -97.4496



83.7390, -0.8573, -5.0331



96.3720, -11.5224, -84.5182



14.7550, -1.8512, -12.9401

Inverse Universe

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



68.8890, 12.3797, 89.5513



79.3740, 17.0706, 125.0830



59.8830, -22.1273, 97.4496



81.2610, 0.8573, 5.0331



53.7420, 11.9592, 84.4183



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 114.1110, -12.3797, -89.5513 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 114.1110, -12.3797, -89.5513 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 114.1110, -12.3797, -89.5513 Background



This preview shows how black text looks on a background with the YUV color 114.1110, -12.3797, -89.5513.



This preview shows how white text looks on a background with the YUV color 114.1110, -12.3797, -89.5513.

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

114.1110, -12.3797, -89.5513

Protanopia

144.5480, -31.3292, 15.3054

Deuteranopia

146.6340, -24.9626, 26.6310



Tritanopia

134.1910, 20.1188, -59.8035

Trichromacy



Original Color

114.1110, -12.3797, -89.5513



Protanomaly

133.1410, -24.2265, -22.9257



Deuteranomaly

134.8090, -20.6118, -15.6185



Tritanomaly

127.0250, 8.3687, -71.0589

Monochromacy



Original Color

114.1110, -12.3797, -89.5513



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.2380, -4.5543, -32.6577

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1110, -12.3797, -89.5513 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(12, 171, 89)` looks like.

```
.text, #text, p{  
    color:rgb(12, 171, 89)  
}
```

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(12, 171, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 171, 89) }
```

Border

The CSS property to change the border of an element to YUV 114.1110, -12.3797, -89.5513 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(12, 171, 89) }
```


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

```
.border{ border-color:rgb(12, 171, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 171, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 171, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 171, 89);  
box-shadow:4px 4px 4px 4px rgb(12, 171,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 114.1110, -12.3797, -89.5513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 171, 89) }
```

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

```
.background{ background-color: rgb(12, 171,  
89) }
```

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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