

Converting Colors

YUV(115.1190, -21.2577,
-88.6814)

Have a look what the booklet for
YUV(115.1190, -21.2577, -88.6814)
contains.

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Color

**YUV(115.1190, -21.2577,
-88.6814)**

Conversions

Conversions Part 1

Format	Color
Hex	0EAF48
RGB	14, 175, 72
RGB Percent	5%, 69%, 28%
CMY	0.9451, 0.3137, 0.7176
CMYK	0.92, 0.00, 0.59, 0.31
HSL	142°, 85%, 37%
HSV	142°, 92%, 69%
XYZ	16.6808, 31.2212, 11.2780
YIQ	115.1190, -62.8930, -66.1650

Conversions

Conversions Part 2

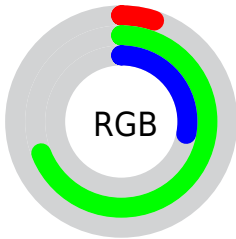
Format	Color
RYB	14, 132, 175
Decimal	962376
CIELab	62.69, -59.26, 41.75
CIELCh	63, 72.491, 144.832
Yxy	31.2212, 0.2819, 0.5276
Android (android.graphics.Color)	4279152456 (0xFF0EAF48)
YUV	115.1190, -21.2577, -88.6814
Hunter-Lab	55.8759, -44.4948, 27.1460

Details

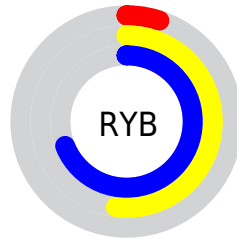
The YUV color **115.1190, -21.2577, -88.6814** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **73.8810, 21.2577, 88.6814**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2090, -27.7110, -72.0973**, and **73.3070, -26.2804, -64.2902** is the 20% darker color. If you saturate the color by 10%, you get **109.9070, -23.1252, -96.3884**, and if you desaturate by 10%, it is **121.7550, -19.1062, -78.7151**.

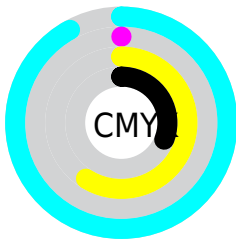
Distribution



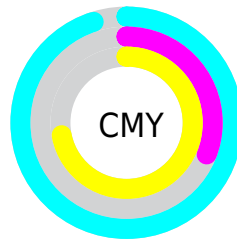
- Red (5%)
- Green (69%)
- Blue (28%)



- Red (5%)
- Yellow (52%)
- Blue (69%)



- Cyan (92%)
- Magenta (0%)
- Yellow (59%)
- Black (31%)



- Cyan (95%)
- Magenta (31%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.1190, -21.2577, -88.6814 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 115.1190, -21.2577, -88.6814 by changing the saturation by 10% instead.

■ 115.1190,
-21.2577, -88.6814

■ 115.1190,
-21.2577, -88.6814

■ 255.0000, 0.0000,
0.0000

■ 92.2340, -22.3004,
-80.8892

■ 179.2090,
-27.7110, -72.0973

■ 73.3070, -26.2804,
-64.2902

■ 205.0570,
-27.1431, -67.5790

■ 55.7650, -27.4921,
-48.9059

■ 217.2190,
-19.3350, -51.9351

■ 41.0900, -20.2574,
-36.0359

■ 229.2670,
-11.9636, -36.1912

■ 27.5890, -13.6014,
-24.1956

■ 241.5430, -3.7187,
-20.6472

■ 9.9790, -4.9196,
-8.7516

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 115.1190,
-21.2577, -88.6814

■ 115.1190,
-21.2577, -88.6814

■ 109.9070,
-23.1252, -96.3884

■ 121.7550,
-19.1062, -78.7151

■ 128.0920,
-16.8074, -69.3637

■ 134.8420,
-14.2191, -59.4974

■ 141.1790,
-11.9202, -50.1460

■ 147.8150, -9.7688,
-40.1798

■ 154.1520, -7.4699,
-30.8283

■ 160.7880, -5.3185,
-20.8621

■ 167.2390, -2.5828,
-11.6106

■ 173.5760, -0.2840,
-2.2592

Harmonies

Analogous

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



135.1380, -66.6230, -4.5060



115.1190, -21.2577, -88.6814



121.3920, 8.1877, -106.4608

Triad

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



115.1190, -21.2577, -88.6814



124.7510, 64.2128, -109.4066



140.7030, -19.0806, 100.2385

Complementary

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



115.1190, -21.2577, -88.6814



73.8810, 21.2577, 88.6814

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.



144.4770, 10.6108, 96.9287



115.1190, -21.2577, -88.6814



148.3370, 52.5849, -19.5895

Square

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



115.1190, -21.2577, -88.6814



132.3820, 60.4507, -116.0990



154.4560, 35.7642, 55.7281



145.3300, -50.4487, 81.2716

Rectangle

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



115.1190, -21.2577, -88.6814



127.1090, 27.5543, -111.4746



154.4560, 35.7642, 55.7281



139.5750, -8.1715, 101.2277

Sweetspot

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



115.1190, -21.2577, -88.6814



203.1900, -8.4747, -35.2466



139.9020, -62.0697, -18.3311



100.4890, -5.1711, -21.4769



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



115.1190, -21.2577, -88.6814



142.5970, -29.8743, -125.0576



124.1250, 13.2494, -96.5796



83.6250, -1.2941, -4.9331



94.2060, -19.8216, -82.6187



14.4130, -3.1616, -12.6402

Inverse Universe

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



73.8810, 21.2577, 88.6814



84.4030, 29.8743, 125.0576



64.8750, -13.2494, 96.5796



81.3750, 1.2941, 4.9331



55.7940, 19.8216, 82.6187



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 115.1190, -21.2577, -88.6814 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 115.1190, -21.2577, -88.6814 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 115.1190, -21.2577, -88.6814 Background



This preview shows how black text looks on a background with the YUV color 115.1190, -21.2577, -88.6814.



This preview shows how white text looks on a background with the YUV color 115.1190, -21.2577, -88.6814.

-88.6814.

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

115.1190, -21.2577, -88.6814

Protanopia

145.9800, -39.9231, 18.4345

Deuteranopia

148.1910, -33.1252, 31.4045



Tritanopia

137.4900, 19.9714, -59.1887

Trichromacy



Original Color

115.1190, -21.2577, -88.6814



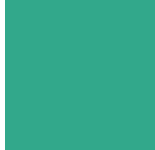
Protanomaly

134.8610, -32.9625, -20.9261



Deuteranomaly

136.3550, -28.7690, -12.5893



Tritanomaly

129.4120, 4.7269, -69.6443

Monochromacy



Original Color

115.1190, -21.2577, -88.6814



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

115.0270, -7.9013, -32.4727

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.1190, -21.2577, -88.6814 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(14, 175, 72)` looks like.

```
.text, #text, p{  
    color:rgb(14, 175, 72)  
}
```

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(14, 175, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 175, 72) }
```

Border

The CSS property to change the border of an element to YUV 115.1190, -21.2577, -88.6814 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(14, 175, 72) }
```


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

```
.border{ border-color:rgb(14, 175, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 175, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 175, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 175, 72);  
box-shadow:4px 4px 4px 4px rgb(14, 175,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 115.1190, -21.2577, -88.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 175, 72) }
```

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

```
.background{ background-color: rgb(14, 175,  
72) }
```

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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