

Converting Colors

YUV(119.3100, -24.3098,
-89.7259)

Have a look what the booklet for
YUV(119.3100, -24.3098, -89.7259)
contains.

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Color

**YUV(119.3100, -24.3098,
-89.7259)**

Conversions

Conversions Part 1

Format	Color
Hex	11B546
RGB	17, 181, 70
RGB Percent	7%, 71%, 27%
CMY	0.9333, 0.2902, 0.7255
CMYK	0.91, 0.00, 0.61, 0.29
HSL	139°, 83%, 39%
HSV	139°, 91%, 71%
XYZ	17.8605, 33.6091, 11.3402
YIQ	119.3100, -62.1130, -69.2890

Conversions

Conversions Part 2

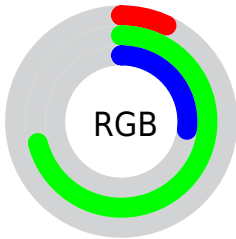
Format	Color
RYB	17, 141, 181
Decimal	1160518
CIELab	64.65, -61.25, 44.95
CIELCh	65, 75.974, 143.721
Yxy	33.6091, 0.2844, 0.5351
Android (android.graphics.Color)	4279350598 (0xFF11B546)
YUV	119.3100, -24.3098, -89.7259
Hunter-Lab	57.9734, -46.4608, 28.9836

Details

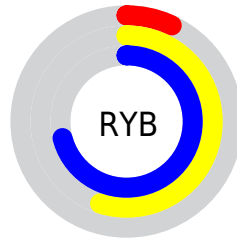
The YUV color **119.3100, -24.3098, -89.7259** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **78.6900, 24.3098, 89.7259**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.5140, -30.3264, -73.2418**, and **75.6720, -29.9113, -66.3643** is the 20% darker color. If you saturate the color by 10%, you get **112.8590, -27.0455, -98.9773**, and if you desaturate by 10%, it is **126.0600, -21.7216, -79.8596**.

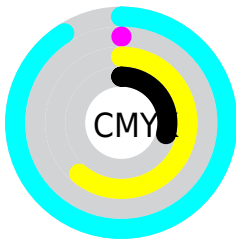
Distribution



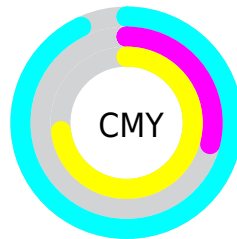
- Red (7%)
- Green (71%)
- Blue (27%)



- Red (7%)
- Yellow (55%)
- Blue (71%)



- Cyan (91%)
- Magenta (0%)
- Yellow (61%)
- Black (29%)



- Cyan (93%)
- Magenta (29%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.3100, -24.3098, -89.7259 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 119.3100, -24.3098, -89.7259 by changing the saturation by 10% instead.

■ 119.3100,
-24.3098, -89.7259

■ 119.3100,
-24.3098, -89.7259

■ 255.0000, 0.0000,
0.0000

■ 94.8270, -25.0577,
-83.1633

■ 183.5140,
-30.3264, -73.2418

■ 75.6720, -29.9113,
-66.3643

■ 205.8400,
-28.0221, -65.6347

■ 58.7000, -28.9391,
-51.4799

■ 217.8880,
-20.6508, -49.8908

■ 44.0250, -21.7043,
-38.6099

■ 230.0500,
-12.8426, -34.2468

■ 30.5240, -15.0483,
-26.7695

■ 242.3260, -4.5977,
-18.7029

■ 14.6750, -7.2348,
-12.8700

■ 254.1030, 0.4422,

■ 0.0000, 0.0000,

-1.8443

0.0000

■ 119.3100,
-24.3098, -89.7259

■ 119.3100,
-24.3098, -89.7259

■ 112.8590,
-27.0455, -98.9773

■ 126.0600,
-21.7216, -79.8596

■ 132.9240,
-18.6965, -70.0933

■ 139.6740,
-16.1083, -60.2271

■ 146.4240,
-13.5200, -50.3608

■ 153.4730,
-11.0792, -39.8798

■ 160.3370, -8.0541,
-30.1135

■ 167.0870, -5.4659,
-20.2473

■ 173.8370, -2.8776,
-10.3810

■ 180.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



139.8670, -68.9544, -3.3914



119.3100, -24.3098, -89.7259



125.7290, 7.0356, -110.2643

Triad

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



119.3100, -24.3098, -89.7259



128.2730, 62.4764, -112.4954



141.2730, -16.8966, 99.7386

Complementary

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



119.3100, -24.3098, -89.7259



78.6900, 24.3098, 89.7259

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.



145.9760, 13.8158, 95.6140



119.3100, -24.3098, -89.7259



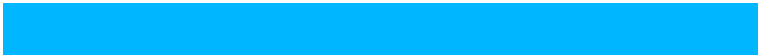
151.2610, 51.1433, -23.9079

Square

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



119.3100, -24.3098, -89.7259



136.4910, 58.4249, -119.7026



159.8520, 38.5270, 56.2578



149.6080, -52.0647, 86.2898

Rectangle

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



119.3100, -24.3098, -89.7259



131.6740, 27.2757, -115.4781



159.8520, 38.5270, 56.2578



140.2590, -5.5507, 100.6279

Sweetspot

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



119.3100, -24.3098, -89.7259



210.9620, -9.3483, -35.0467



146.7560, -63.9697, -15.5720



103.0870, -5.4659, -20.2473



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



119.3100, -24.3098, -89.7259



146.6090, -34.8102, -128.5761



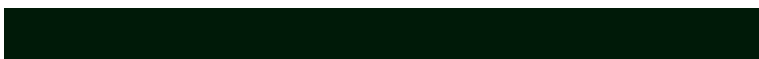
128.5440, 11.0708, -97.8241



85.6250, -1.2941, -4.9331



95.3970, -22.8737, -83.6632



16.1740, -4.0298, -14.1846

Inverse Universe

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



78.6900, 24.3098, 89.7259



88.3910, 34.8102, 128.5761



69.4560, -11.0708, 97.8241



83.3750, 1.2941, 4.9331



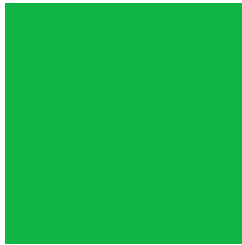
57.6030, 22.8737, 83.6632



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 119.3100, -24.3098, -89.7259 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 119.3100, -24.3098, -89.7259 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 119.3100, -24.3098, -89.7259 Background



This preview shows how black text looks on a background with the YUV color 119.3100, -24.3098, -89.7259.



This preview shows how white text looks on a background with the YUV color 119.3100, -24.3098, -89.7259.

-89.7259.

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

119.3100, -24.3098, -89.7259

Protanopia

150.4810, -43.1281, 19.7492

Deuteranopia

153.1050, -36.0408, 33.2339



Tritanopia

142.7780, 19.8294, -60.3183

Trichromacy



Original Color

119.3100, -24.3098, -89.7259



Protanomaly

139.0630, -36.0201, -20.2263



Deuteranomaly

140.8560, -31.9740, -11.2747



Tritanomaly

134.1730, 3.8587, -71.1887

Monochromacy



Original Color

119.3100, -24.3098, -89.7259



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

119.3860, -9.0643, -32.7875

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.3100, -24.3098, -89.7259 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(17, 181, 70)` looks like.

```
.text, #text, p{  
    color:rgb(17, 181, 70)  
}
```

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(17, 181, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 181, 70) }
```

Border

The CSS property to change the border of an element to YUV 119.3100, -24.3098, -89.7259 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(17, 181, 70) }
```


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

```
.border{ border-color:rgb(17, 181, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 181, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 181, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 181, 70);  
box-shadow:4px 4px 4px 4px rgb(17, 181,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 119.3100, -24.3098, -89.7259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 181, 70) }
```

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

```
.background{ background-color: rgb(17, 181,  
70) }
```

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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