

Converting Colors

YUV(97.9180, -32.9906,
-58.6871)

Have a look what the booklet for
YUV(97.9180, -32.9906, -58.6871)
contains.

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Color

**YUV(97.9180, -32.9906,
-58.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	1F911F
RGB	31, 145, 31
RGB Percent	12%, 57%, 12%
CMY	0.8784, 0.4314, 0.8784
CMYK	0.79, 0.00, 0.79, 0.43
HSL	120°, 65%, 35%
HSV	120°, 79%, 57%
XYZ	10.9378, 20.6410, 4.7040
YIQ	97.9180, -31.3500, -59.6220

Conversions

Conversions Part 2

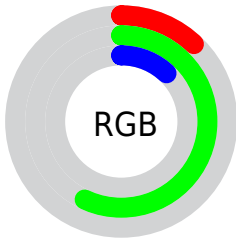
Format	Color
R _Y B	31, 145, 145
Decimal	2068767
CIE Lab	52.55, -52.29, 48.02
CIE LCh	53, 70.995, 137.438
Yxy	20.6410, 0.3015, 0.5689
Android (android.graphics.Color)	4280258847 (0xFF1F911F)
YUV	97.9180, -32.9906, -58.6871
Hunter-Lab	45.4324, -36.5331, 25.6639

Details

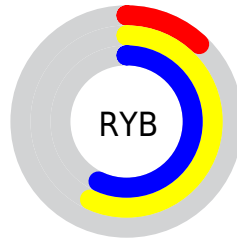
The YUV color **97.9180, -32.9906, -58.6871** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **78.0820, 32.9906, 58.6871**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9790, -35.4856, -51.7246**, and **54.5910, -26.9134, -47.8763** is the 20% darker color. If you saturate the color by 10%, you get **92.1360, -37.0420, -65.8943**, and if you desaturate by 10%, it is **103.7000, -28.9391, -51.4799**.

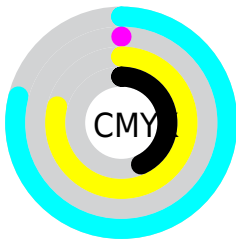
Distribution



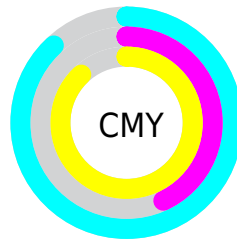
- Red (12%)
- Green (57%)
- Blue (12%)



- Red (12%)
- Yellow (57%)
- Blue (57%)



- Cyan (79%)
- Magenta (0%)
- Yellow (79%)
- Black (43%)



- Cyan (88%)
- Magenta (43%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9180, -32.9906, -58.6871 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 97.9180, -32.9906, -58.6871 by changing the saturation by 10% instead.

■ 97.9180, -32.9906,
-58.6871

■ 97.9180, -32.9906,
-58.6871

255.0000, 0.0000,
0.0000

■ 69.8530, -34.4375,
-61.2611

■ 155.9790,
-35.4856, -51.7246

■ 54.5910, -26.9134,
-47.8763

■ 184.6370,
-36.7960, -51.4246

■ 39.9160, -19.6786,
-35.0063

■ 211.6480,
-36.8015, -49.6803

■ 27.0020, -13.3120,
-23.6808

■ 223.3970,
-29.2827, -34.5512

■ 9.3920, -4.6303,
-8.2368

■ 235.2600,
-21.3272, -19.5220

■ 0.0000, 0.0000,
0.0000

■ 247.5360,

-13.0822, -3.9781

254.4300, -2.1840,
0.4999

■ 97.9180, -32.9906,
-58.6871

■ 97.9180, -32.9906,
-58.6871

■ 92.1360, -37.0420,
-65.8943

■ 103.7000,
-28.9391, -51.4799

■ 85.9410, -41.3829,
-73.6163

■ 109.8950,
-24.5982, -43.7579

■ 85.1150, -41.9617,
-74.6459

■ 116.0900,
-20.2574, -36.0359

■ 121.8720,
-16.2059, -28.8287

■ 128.0670,
-11.8650, -21.1068

■ 133.8490, -7.8136,
-13.8996

■ 140.0440, -3.4727,
-6.1776

■ 145.8260, 0.5788,
1.0296

■ 152.0210, 4.9196,
8.7516

Harmonies

Analogous

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



113.3530, -55.8830, 4.0754



97.9180, -32.9906, -58.6871



99.6950, -1.3286, -87.4325

Triad

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



97.9180, -32.9906, -58.6871



110.1100, 66.5008, -96.5665



112.5430, -9.6347, 103.8868

Complementary

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



97.9180, -32.9906, -58.6871



78.0820, 32.9906, 58.6871

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.



117.9690, 17.7633, 89.4812



97.9180, -32.9906, -58.6871



112.4940, 64.3395, -56.5612

Square

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



97.9180, -32.9906, -58.6871



112.5600, 50.5029, -98.7151



127.7850, 40.0390, 37.8996



117.4580, -41.1448, 83.7903

Rectangle

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



97.9180, -32.9906, -58.6871



105.0700, 16.7275, -92.1464



127.7850, 40.0390, 37.8996



111.8880, 0.5482, 104.4612

Sweetspot

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



97.9180, -32.9906, -58.6871



170.0020, -13.3120, -23.6808



132.0040, -49.7950, 11.3975



82.8490, -7.8136, -13.8996



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



97.9180, -32.9906, -58.6871



115.4860, -51.5116, -91.6342



104.4160, -8.0931, -64.3858



68.1090, -2.0257, -3.6036



79.2450, -39.0678, -69.4979



4.6960, -2.3151, -4.1184

Inverse Universe

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



78.0820, 32.9906, 58.6871



84.5140, 51.5116, 91.6342



71.5840, 8.0931, 64.3858



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 97.9180, -32.9906, -58.6871 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 97.9180, -32.9906, -58.6871 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 97.9180, -32.9906, -58.6871

Background



This preview shows how black text looks on a background with the YUV color 97.9180, -32.9906, -58.6871.



This preview shows how white text looks on a background with the YUV color 97.9180, -32.9906, -58.6871.

-58.6871.

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

97.9180, -32.9906, -58.6871

Protanopia

118.1990, -45.4541, 19.1195

Deuteranopia

120.8120, -38.3613, 30.8599



Tritanopia

115.6230, 14.9759, -43.5194

Trichromacy



Original Color

97.9180, -32.9906, -58.6871

Protanomaly

110.5760, -40.7100, -9.2752

Deuteranomaly

112.7710, -36.3691, -1.5532

Tritanomaly

109.2960, -2.6109, -49.3716

Monochromacy



Original Color

97.9180, -32.9906, -58.6871

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0670, -11.8650, -21.1068

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9180, -32.9906, -58.6871 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(31, 145, 31)` looks like.

```
.text, #text, p{  
    color:rgb(31, 145, 31)  
}
```

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(31, 145, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 145, 31) }
```

Border

The CSS property to change the border of an element to YUV 97.9180, -32.9906, -58.6871 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(31, 145, 31) }
```


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

```
.border{ border-color:rgb(31, 145, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 145, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 145, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 145, 31);  
box-shadow:4px 4px 4px 4px rgb(31, 145,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 97.9180, -32.9906, -58.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 145, 31) }
```

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

```
.background{ background-color: rgb(31, 145,  
31) }
```

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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