

Converting Colors

YUV(112.9930, -5.9125,
29.8241)

Have a look what the booklet for
YUV(112.9930, -5.9125, 29.8241)
contains.

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Color

**YUV(112.9930, -5.9125,
29.8241)**

Conversions

Conversions Part 1

Format	Color
Hex	936265
RGB	147, 98, 101
RGB Percent	58%, 38%, 40%
CMY	0.4235, 0.6157, 0.6039
CMYK	0.00, 0.33, 0.31, 0.42
HSL	356°, 20%, 48%
HSV	356°, 33%, 58%
XYZ	18.7493, 15.8780, 14.3885
YIQ	112.9930, 28.2410, 11.3210

Conversions

Conversions Part 2

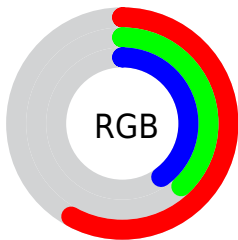
Format	Color
R_{YB}	147, 98, 101
Decimal	9658981
CIE _{Lab}	46.81, 20.31, 6.43
CIE _{LCh}	47, 21.305, 17.565
Yxy	15.8780, 0.3825, 0.3239
Android (android.graphics.Color)	4287849061 (0xFF936265)
YUV	112.9930, -5.9125, 29.8241
Hunter-Lab	39.8472, 14.2568, 6.4839

Details

The YUV color **112.9930, -5.9125, 29.8241** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **132.0070, 5.9125, -29.8241**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1890, -6.5022, 32.2832**, and **64.4980, -5.1755, 26.7503** is the 20% darker color. If you saturate the color by 10%, you get **102.5920, -7.6869, 38.9458**, and if you desaturate by 10%, it is **123.3940, -4.1382, 20.7025**.

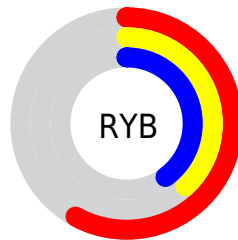
Distribution



Red (58%)

Green (38%)

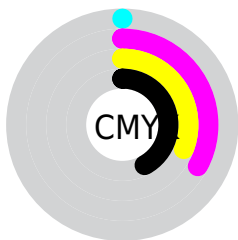
Blue (40%)



Red (58%)

Yellow (38%)

Blue (40%)

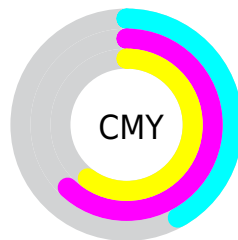


Cyan (0%)

Magenta (33%)

Yellow (31%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9930, -5.9125, 29.8241 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 112.9930, -5.9125, 29.8241 by changing the saturation by 10% instead.

■ 112.9930, -5.9125,
29.8241

■ 112.9930, -5.9125,
29.8241

■ 255.0000, 0.0000,
0.0000

■ 88.0960, -5.4703,
27.9798

■ 165.1890, -6.5022,
32.2832

■ 64.4980, -5.1755,
26.7503

■ 192.7870, -6.7970,
33.5128

■ 41.7150, -4.2965,
24.8059

■ 219.4770, -6.6442,
31.1537

■ 19.0030, -4.4385,
23.6764

■ 239.1050, -2.5168,
13.9399

■ 4.7840, -2.3585,
9.8364

■ 0.0000, 0.0000,
0.0000

■ 112.9930, -5.9125,
29.8241

■ 112.9930, -5.9125,
29.8241

■ 102.5920, -7.6869,
38.9458

■ 123.3940, -4.1382,
20.7025

■ 92.7780, -9.7506,
47.5527

■ 133.2080, -2.0745,
12.0956

■ 82.4910, -11.0881,
56.5744

■ 143.4950, -0.7370,
3.0739

■ 72.0900, -12.8624,
65.6961

■ 153.8960, 1.0373,
-6.0478

■ 62.2760, -14.9261,
74.3029

■ 163.7100, 3.1010,
-14.6547

■ 51.8750, -16.7004,
83.4246

■ 174.1110, 4.8753,
-23.7763

■ 44.9790, -17.7376,
89.4724

■ 184.5120, 6.6496,
-32.8980

■ 194.7990, 7.9871,

-41.9197

■ 204.6130, 10.0508,
-50.5266

Harmonies

Analogous

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



113.5500, 2.6869, 24.9507



112.9930, -5.9125, 29.8241



112.3210, -13.4693, 26.9055

Triad

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



112.9930, -5.9125, 29.8241



106.8770, -10.2924, -12.1701



107.0580, 18.7054, -26.3609

Complementary

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



112.9930, -5.9125, 29.8241



132.0070, 5.9125, -29.8241

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.



102.8130, 16.8542, -39.3010



112.9930, -5.9125, 29.8241



103.7100, -0.3500, -27.8097

Square

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



112.9930, -5.9125, 29.8241



108.8960, -15.7247, 3.5992



101.8640, 9.4340, -39.3457



111.3100, 16.6092, -7.2879

Rectangle

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



112.9930, -5.9125, 29.8241



110.8920, -16.2158, 21.1427



101.8640, 9.4340, -39.3457



105.1390, 19.1585, -31.6939

Sweetspot

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



112.9930, -5.9125, 29.8241



177.7950, -2.3639, 11.5808



117.3400, 14.6224, 23.3808



88.7020, -1.3321, 7.2773



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



112.9930, -5.9125, 29.8241



138.1800, -9.4557, 46.3231



124.9780, -13.3002, 19.3133



69.0930, -1.0318, 4.3034



42.1740, -16.8478, 84.0394



3.1040, -1.0373, 6.0478

Inverse Universe

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



112.9930, -5.9125, 29.8241



138.1800, -9.4557, 46.3231



120.0220, 13.3002, -19.3133



69.0930, -1.0318, 4.3034



42.1740, -16.8478, 84.0394



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 112.9930, -5.9125, 29.8241 looks on a white background.

Color Contrast Check

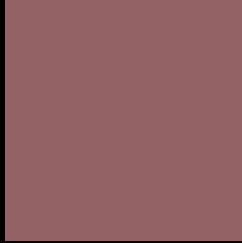
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.9930, -5.9125, 29.8241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

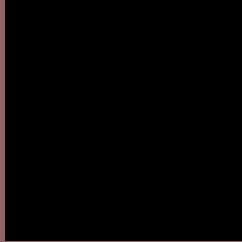
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.9930, -5.9125, 29.8241 Background



This preview shows how black text looks on a background with the YUV color 112.9930, -5.9125, 29.8241.



This preview shows how white text looks on a background with the YUV color 112.9930, -5.9125,

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

112.9930, -5.9125, 29.8241

Protanopia

111.5550, -1.7526, 2.1443

Deuteranopia

111.7690, -6.2951, 12.4806



Tritanopia

112.8620, -3.8760, 29.9390

Trichromacy



Original Color

112.9930, -5.9125, 29.8241

Protanomaly

111.8660, -3.3849, 12.3955

Deuteranomaly

112.5140, -6.1694, 18.8432

Tritanomaly

112.7480, -4.3128, 30.0390

Monochromacy



Original Color

112.9930, -5.9125, 29.8241

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1970, -2.0691, 10.3512

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9930, -5.9125, 29.8241 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(147, 98, 101)` looks like.

```
.text, #text, p{  
    color:rgb(147, 98, 101)  
}
```

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(147, 98, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 98, 101) }
```

Border

The CSS property to change the border of an element to YUV 112.9930, -5.9125, 29.8241 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(147, 98, 101) }
```


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

```
.border{ border-color:rgb(147, 98, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 98, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 98, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 98, 101);  
box-shadow:4px 4px 4px 4px rgb(147, 98,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 112.9930, -5.9125, 29.8241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 98, 101) }
```

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

```
.background{ background-color: rgb(147, 98,  
101) }
```

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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