

Converting Colors

YUV(96.7360, -9.7298, -5.9075)

Have a look what the booklet for
YUV(96.7360, -9.7298, -5.9075)
contains.

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Color

**YUV(96.7360, -9.7298,
-5.9075)**

Conversions

Conversions Part 1

Format	Color
Hex	5A684D
RGB	90, 104, 77
RGB Percent	35%, 41%, 30%
CMY	0.6471, 0.5922, 0.6980
CMYK	0.13, 0.00, 0.26, 0.59
HSL	91°, 15%, 35%
HSV	91°, 26%, 41%
XYZ	10.5063, 12.6101, 8.9014
YIQ	96.7360, 0.3230, -11.3650

Conversions

Conversions Part 2

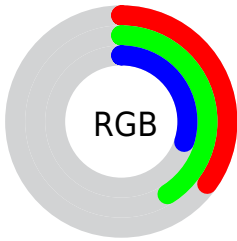
Format	Color
RYB	77, 104, 91
Decimal	5924941
CIELab	42.17, -10.77, 13.49
CIELCh	42, 17.263, 128.604
Yxy	12.6101, 0.3281, 0.3938
Android (android.graphics.Color)	4284115021 (0xFF5A684D)
YUV	96.7360, -9.7298, -5.9075
Hunter-Lab	35.5107, -9.3322, 9.9953

Details

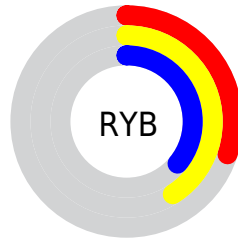
The YUV color **96.7360, -9.7298, -5.9075** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **84.2640, 9.7298, 5.9075**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2090, -10.4560, -6.3223**, and **50.3770, -8.5669, -5.5926** is the 20% darker color. If you saturate the color by 10%, you get **94.1010, -13.3608, -7.9816**, and if you desaturate by 10%, it is **99.3710, -6.0989, -3.8334**.

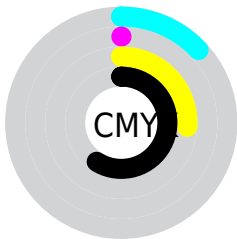
Distribution



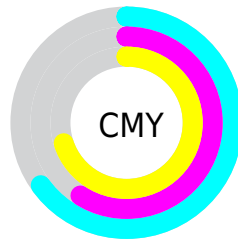
- Red (35%)
- Green (41%)
- Blue (30%)



- Red (30%)
- Yellow (41%)
- Blue (36%)



- Cyan (13%)
- Magenta (0%)
- Yellow (26%)
- Black (59%)



- Cyan (65%)
- Magenta (59%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.7360, -9.7298, -5.9075 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 96.7360, -9.7298, -5.9075 by changing the saturation by 10% instead.

■ 96.7360, -9.7298,
-5.9075

■ 96.7360, -9.7298,
-5.9075

■ 255.0000, 0.0000,
0.0000

■ 72.8500, -9.2930,
-6.0074

■ 147.2090,
-10.4560, -6.3223

■ 50.3770, -8.5669,
-5.5926

■ 174.0950,
-10.8928, -6.2223

■ 28.6760, -8.7143,
-4.9779

■ 201.6820,
-11.1822, -6.7371

■ 8.2180, -4.0515,
-7.2072

■ 229.5680,
-11.6190, -6.6371

■ 0.0000, 0.0000,
0.0000

■ 251.5240, -8.1463,
-0.4595

■ 96.7360, -9.7298,
-5.9075

■ 96.7360, -9.7298,
-5.9075

■ 94.1010, -13.3608,
-7.9816

■ 99.3710, -6.0989,
-3.8334

■ 91.0530, -17.2811,
-10.5705

■ 102.4190, -2.1786,
-1.2445

■ 88.4180, -20.9121,
-12.6446

■ 105.0540, 1.4524,
0.8296

■ 85.3700, -24.8324,
-15.2335

■ 108.1020, 5.3727,
3.4185

■ 82.7350, -28.4634,
-17.3076

■ 110.7370, 9.0037,
5.4927

■ 80.1000, -32.0943,
-19.3817

■ 113.3720, 12.6346,
7.5668

■ 77.0520, -36.0146,
-21.9706

■ 116.4200, 16.5549,
10.1557

■ 75.9980, -37.4670,

■ 119.0550, 20.1859,

-22.8002

12.2298

■ 122.1030, 24.1062,
14.8187

Harmonies

Analogous

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



98.4880, -13.5516, 6.5880



96.7360, -9.7298, -5.9075



95.0810, -2.9979, -18.4880

Triad

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



96.7360, -9.7298, -5.9075



96.0430, 14.7688, -23.7167



101.4590, -2.6913, 23.2765

Complementary

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



96.7360, -9.7298, -5.9075



84.2640, 9.7298, 5.9075

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.



102.1360, 3.8770, 16.5437



96.7360, -9.7298, -5.9075



98.9030, 13.8518, -9.5619

Square

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



96.7360, -9.7298, -5.9075



93.4890, 11.5909, -31.1239



101.0790, 10.3141, 5.1927



100.7380, -9.2378, 23.0318

Rectangle

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



96.7360, -9.7298, -5.9075



93.4160, 2.2599, -24.9208



101.0790, 10.3141, 5.1927



101.7300, -0.3599, 22.1618

Sweetspot

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



96.7360, -9.7298, -5.9075



132.2510, -4.0677, -1.9741



93.2910, -8.0315, 9.3918



67.0060, -2.4680, -1.7593



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



96.7360, -9.7298, -5.9075



123.6340, -15.1026, -9.3260



92.8490, -7.8136, -13.8996



49.5330, -1.7418, -1.3444



83.9500, -41.3873, -25.3891



177.0370, -87.2792, -52.6524

Inverse Universe

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



84.2640, 9.7298, 5.9075



104.3660, 15.1026, 9.3260



88.1510, 7.8136, 13.8996



47.4670, 1.7418, 1.3444



30.7510, 41.5348, 24.7744



65.2620, 87.1318, 53.2672

Previews

White Background



This preview shows how the YUV color 96.7360, -9.7298, -5.9075 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 96.7360, -9.7298, -5.9075 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

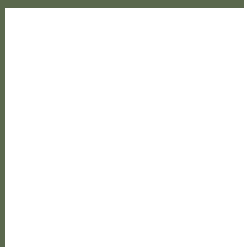
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.7360, -9.7298, -5.9075

Background



This preview shows how black text looks on a background with the YUV color 96.7360, -9.7298, -5.9075.



This preview shows how white text looks on a background with the YUV color 96.7360, -9.7298, -5.9075.

-5.9075.

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

96.7360, -9.7298, -5.9075

Protanopia

98.3570, -11.5150, 6.7029

Deuteranopia

99.4550, -10.0843, 14.5100



Tritanopia

99.4170, 4.2314, -3.8737

Trichromacy



Original Color

96.7360, -9.7298, -5.9075

Protanomaly

97.8510, -10.7725, 1.8847

Deuteranomaly

98.4110, -10.0626, 7.5326

Tritanomaly

98.1520, -0.5679, -4.5183

Monochromacy



Original Color

96.7360, -9.7298, -5.9075

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0660, -3.4835, -2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7360, -9.7298, -5.9075 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(90, 104, 77)` looks like.

```
.text, #text, p{  
    color:rgb(90, 104, 77)  
}
```

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(90, 104, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 104, 77) }
```

Border

The CSS property to change the border of an element to YUV 96.7360, -9.7298, -5.9075 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(90, 104, 77) }
```


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

```
.border{ border-color:rgb(90, 104, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 104, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 104, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 104, 77);  
box-shadow:4px 4px 4px 4px rgb(90, 104,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 96.7360, -9.7298, -5.9075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 104, 77) }
```

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

```
.background{ background-color: rgb(90, 104,  
77) }
```

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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