

Converting Colors

YUV(125.9620, -19.7013,
-74.5117)

Have a look what the booklet for
YUV(125.9620, -19.7013, -74.5117)
contains.

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Color

**YUV(125.9620, -19.7013,
-74.5117)**

Conversions

Conversions Part 1

Format	Color
Hex	29B156
RGB	41, 177, 86
RGB Percent	16%, 69%, 34%
CMY	0.8392, 0.3059, 0.6627
CMYK	0.77, 0.00, 0.51, 0.31
HSL	140°, 62%, 43%
HSV	140°, 77%, 69%
XYZ	18.3163, 32.5876, 14.1288
YIQ	125.9620, -51.8450, -57.1330

Conversions

Conversions Part 2

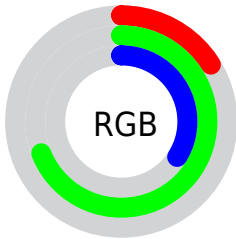
Format	Color
RYB	41, 143, 177
Decimal	2732374
CIELab	63.83, -55.27, 36.38
CIELCh	64, 66.168, 146.650
Yxy	32.5876, 0.2816, 0.5011
Android (android.graphics.Color)	4280922454 (0xFF29B156)
YUV	125.9620, -19.7013, -74.5117
Hunter-Lab	57.0855, -42.6267, 25.2855

Details

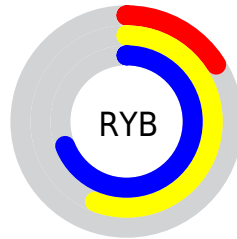
The YUV color **125.9620, -19.7013, -74.5117** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **92.0380, 19.7013, 74.5117**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.2680, -23.7961, -67.7640**, and **76.4190, -19.4336, -67.0195** is the 20% darker color. If you saturate the color by 10%, you get **119.2120, -22.2895, -84.3779**, and if you desaturate by 10%, it is **132.7120, -17.1130, -64.6454**.

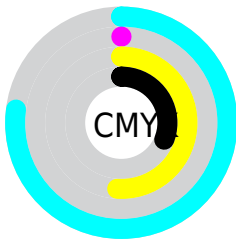
Distribution



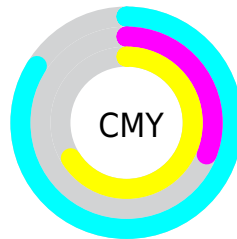
- Red (16%)
- Green (69%)
- Blue (34%)



- Red (16%)
- Yellow (56%)
- Blue (69%)



- Cyan (77%)
- Magenta (0%)
- Yellow (51%)
- Black (31%)





- Cyan (84%)
- Magenta (31%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.9620, -19.7013, -74.5117 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 125.9620, -19.7013, -74.5117 by changing the saturation by 10% instead.


 125.9620,
-19.7013, -74.5117


 125.9620,
-19.7013, -74.5117


255.0000, 0.0000,
0.0000


 95.0040, -16.7640,
-83.3185


 185.2680,
-23.7961, -67.7640


 76.4190, -19.4336,
-67.0195


 209.6430,
-22.5020, -62.8309

 58.0790, -23.7029,
-50.9353


 221.5060,
-14.5465, -47.8018

 42.2640, -20.8362,
-37.0655

 233.6680, -6.7383,
-32.1578

 28.7630, -14.1802,
-25.2252

 245.9440, 1.5066,
-16.6139

 12.9140, -6.3666,
-11.3256

 0.0000, 0.0000,

0.0000

■ 125.9620,
-19.7013, -74.5117

■ 125.9620,
-19.7013, -74.5117

■ 119.2120,
-22.2895, -84.3779

■ 132.7120,
-17.1130, -64.6454

■ 112.7610,
-25.0252, -93.6294

■ 139.1630,
-14.3774, -55.3940

■ 110.6250,
-25.4511, -97.0181

■ 145.9130,
-11.7891, -45.5277

■ 152.5490, -9.6377,
-35.5615

■ 159.2990, -7.0494,
-25.6952

■ 165.7500, -4.3137,
-16.4438

■ 172.5000, -1.7255,
-6.5775

■ 179.2500, 0.8628,
3.2887

■ 185.7010, 3.5984,
12.5402

Harmonies

Analogous

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



141.3730, -52.9349, -8.2201



125.9620, -19.7013, -74.5117



123.4780, 11.1033, -108.2902

Triad

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



125.9620, -19.7013, -74.5117



125.3380, 63.9234, -109.9214



148.6760, -21.5323, 93.2461

Complementary

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



125.9620, -19.7013, -74.5117



92.0380, 19.7013, 74.5117

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.



151.8800, 5.9752, 90.4362



125.9620, -19.7013, -74.5117



154.8820, 49.3582, -11.2975

Square

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



125.9620, -19.7013, -74.5117



132.7410, 59.2877, -116.4139



158.0660, 30.5335, 53.4391



149.7850, -47.2220, 72.9796

Rectangle

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



125.9620, -19.7013, -74.5117



128.1520, 29.0121, -112.3893



158.0660, 30.5335, 53.4391



147.9070, -11.7862, 93.9206

Sweetspot

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



125.9620, -19.7013, -74.5117



210.0490, -7.9122, -28.9840



148.6390, -53.0660, -12.8384



102.9240, -4.8925, -17.4733



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.



125.9620, -19.7013, -74.5117



150.4240, -30.7750, -116.1358



133.4860, 9.1274, -81.1102



85.6250, -1.2941, -4.9331



95.6250, -22.0001, -83.8631



16.1740, -4.0298, -14.1846

Inverse Universe

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



92.0380, 19.7013, 74.5117



97.5760, 30.7750, 116.1358



84.5140, -9.1274, 81.1102



83.3750, 1.2941, 4.9331



57.3750, 22.0001, 83.8631



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 125.9620, -19.7013, -74.5117 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 125.9620, -19.7013, -74.5117 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 125.9620, -19.7013, -74.5117 Background



This preview shows how black text looks on a background with the YUV color 125.9620, -19.7013, -74.5117.



This preview shows how white text looks on a background with the YUV color 125.9620, -19.7013, -74.5117.

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

125.9620, -19.7013, -74.5117

Protanopia

149.8210, -35.4078, 16.8200

Deuteranopia

152.0320, -28.6098, 29.7899



Tritanopia

141.8710, 18.7976, -56.0149

Trichromacy



Original Color

125.9620, -19.7013, -74.5117



Protanomaly

140.8060, -29.4844, -16.4929



Deuteranomaly

142.3000, -25.2909, -8.1561



Tritanomaly

136.4560, 4.7052, -62.6669

Monochromacy



Original Color

125.9620, -19.7013, -74.5117



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

126.1740, -7.4808, -27.3396

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.9620, -19.7013, -74.5117 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(41, 177, 86)` looks like.

```
.text, #text, p{  
    color:rgb(41, 177, 86)  
}
```

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(41, 177, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 177, 86) }
```

Border

The CSS property to change the border of an element to YUV 125.9620, -19.7013, -74.5117 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(41, 177, 86) }
```


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

```
.border{ border-color:rgb(41, 177, 86) }
```

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

Here you see how a box with a 4 pixel rgb(41, 177, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 177, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 177, 86);  
box-shadow:4px 4px 4px 4px rgb(41, 177,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 125.9620, -19.7013, -74.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 177, 86) }
```

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

```
.background{ background-color: rgb(41, 177,  
86) }
```

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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