

Converting Colors

YUV(57.0450, -11.8542,
-24.5955)

Have a look what the booklet for
YUV(57.0450, -11.8542, -24.5955)
contains.

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Color

**YUV(57.0450, -11.8542,
-24.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	1D4C21
RGB	29, 76, 33
RGB Percent	11%, 30%, 13%
CMY	0.8863, 0.7020, 0.8706
CMYK	0.62, 0.00, 0.57, 0.70
HSL	125°, 45%, 21%
HSV	125°, 62%, 30%
XYZ	3.3656, 5.5399, 2.3308
YIQ	57.0450, -14.2090, -23.3370

Conversions

Conversions Part 2

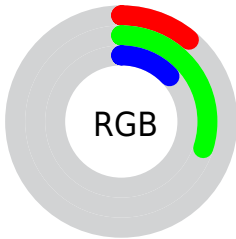
Format	Color
RYB	29, 72, 76
Decimal	1920033
CIELab	28.22, -26.42, 20.71
CIElCh	28, 33.567, 141.903
Yxy	5.5399, 0.2995, 0.4930
Android (android.graphics.Color)	4280110113 (0xFF1D4C21)
YUV	57.0450, -11.8542, -24.5955
Hunter-Lab	23.5370, -15.6653, 10.6047

Details

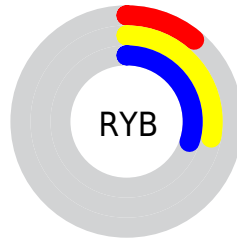
The YUV color **57.0450, -11.8542, -24.5955** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **47.9550, 11.8542, 24.5955**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.5890, -13.6014, -24.1956**, and **19.3710, -9.5499, -16.9884** is the 20% darker color. If you saturate the color by 10%, you get **53.8550, -13.7325, -28.8138**, and if you desaturate by 10%, it is **60.2350, -9.9759, -20.3771**.

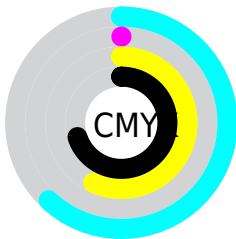
Distribution



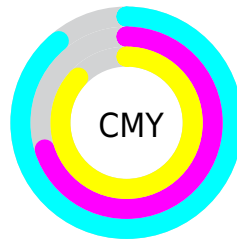
- Red (11%)
- Green (30%)
- Blue (13%)



- Red (11%)
- Yellow (28%)
- Blue (30%)



- Cyan (62%)
- Magenta (0%)
- Yellow (57%)
- Black (70%)



- Cyan (89%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.0450, -11.8542, -24.5955 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 57.0450, -11.8542, -24.5955 by changing the saturation by 10% instead.

■ 57.0450, -11.8542,
-24.5955

■ 57.0450, -11.8542,
-24.5955

255.0000, 0.0000,
0.0000

■ 32.9630, -10.8278,
-27.1546

■ 105.5890,
-13.6014, -24.1956

■ 19.3710, -9.5499,
-16.9884

■ 131.7630,
-14.1802, -25.2252

■ 0.0000, 0.0000,
0.0000

■ 157.6490,
-14.6170, -25.1252

■ 185.1220,
-15.3431, -25.5400

■ 212.7090,
-15.6325, -26.0548

■ 236.6000,

-13.6068, -22.4512

248.4630, -5.6513,
-7.4221

57.0450, -11.8542,
-24.5955

57.0450, -11.8542,
-24.5955

53.8550, -13.7325,
-28.8138

60.2350, -9.9759,
-20.3771

50.9640, -15.7583,
-32.4174

63.1260, -7.9501,
-16.7735

47.7740, -17.6366,
-36.6358

66.3160, -6.0718,
-12.5551

45.2960, -19.3729,
-39.7246

69.2070, -4.0461,
-8.9515

72.3970, -2.1677,
-4.7332

■ 75.5870, -0.2894,
-0.5148

■ 78.4780, 1.7363,
3.0888

■ 81.6680, 3.6147,
7.3072

■ 84.5590, 5.6404,
10.9108

Harmonies

Analogous

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



61.8110, -23.5708, 0.1658



57.0450, -11.8542, -24.5955



52.9850, 2.4724, -46.4678

Triad

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



57.0450, -11.8542, -24.5955



55.7160, 30.7060, -48.8629



65.2010, -7.9871, 41.9197

Complementary

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



57.0450, -11.8542, -24.5955



47.9550, 11.8542, 24.5955

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.



66.6810, 4.1013, 37.9908



57.0450, -11.8542, -24.5955



66.2370, 24.0402, -10.7318

Square

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



57.0450, -11.8542, -24.5955



57.3970, 24.4543, -50.3372



69.0190, 14.7806, 19.2773



65.1710, -19.3113, 34.0530

Rectangle

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



57.0450, -11.8542, -24.5955



55.0370, 10.3348, -48.2674



69.0190, 14.7806, 19.2773



65.2380, -4.0613, 42.7643

Sweetspot

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



57.0450, -11.8542, -24.5955



91.6800, -4.7722, -9.3664



69.4460, -19.9399, 2.2399



46.1580, -3.0359, -6.2776



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



57.0450, -11.8542, -24.5955



69.5350, -18.5048, -38.1802



59.6670, -1.8078, -26.8950



36.4620, -0.7208, -2.1592



60.9000, -25.5867, -53.4093



137.2900, -57.8240, -120.4033

Inverse Universe

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



47.9550, 11.8542, 24.5955



55.4650, 18.5048, 38.1802



45.3330, 1.8078, 26.8950



35.6520, 1.1576, 2.0592



41.1000, 25.5867, 53.4093



92.7100, 57.8240, 120.4033

Previews

White Background



This preview shows how the YUV color 57.0450, -11.8542, -24.5955 looks on a white background.

Color Contrast Check

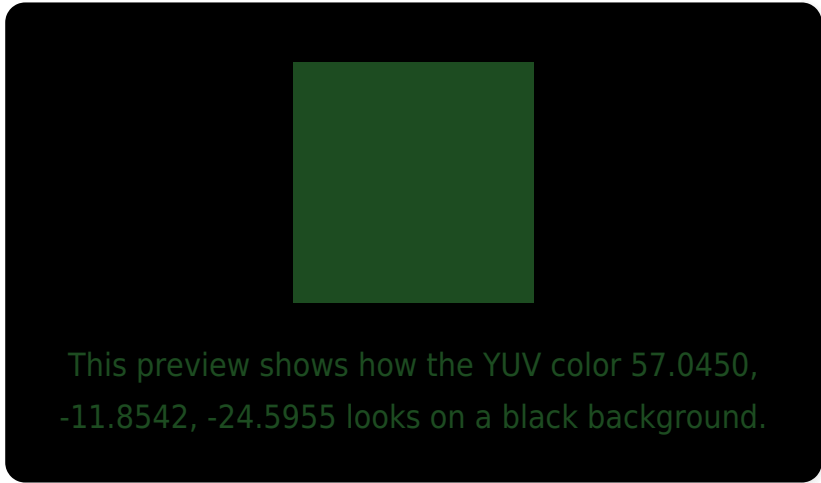
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

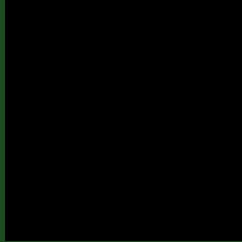
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.0450, -11.8542, -24.5955

Background



This preview shows how black text looks on a background with the YUV color 57.0450, -11.8542, -24.5955.



This preview shows how white text looks on a background with the YUV color 57.0450, -11.8542, -24.5955.

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

57.0450, -11.8542, -24.5955

Protanopia

64.8750, -17.1934, 8.0026

Deuteranopia

65.3040, -14.4469, 13.7654



Tritanopia

62.4150, 7.1904, -19.6580

Trichromacy



Original Color

57.0450, -11.8542, -24.5955

Protanomaly

61.9660, -15.2662, -3.4782

Deuteranomaly

62.4440, -13.5299, -0.3894

Tritanomaly

60.5690, 0.2125, -21.5470

Monochromacy



Original Color

57.0450, -11.8542, -24.5955

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0930, -4.4828, -8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.0450, -11.8542, -24.5955 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(29, 76, 33)` looks like.

```
.text, #text, p{  
    color:rgb(29, 76, 33)  
}
```

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(29, 76, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 76, 33) }
```

Border

The CSS property to change the border of an element to YUV 57.0450, -11.8542, -24.5955 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(29, 76, 33) }
```


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

```
.border{ border-color:rgb(29, 76, 33) }
```

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

Here you see how a box with a 4 pixel rgb(29, 76, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 76, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 76, 33);  
box-shadow:4px 4px 4px 4px rgb(29, 76, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.0450, -11.8542, -24.5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 76, 33) }
```

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

```
.background{ background-color: rgb(29, 76,  
33) }
```

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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