

Converting Colors

YUV(57.2340, 11.7166,
-24.7612)

Have a look what the booklet for
YUV(57.2340, 11.7166, -24.7612)
contains.

YUV(57.2340, 11.7166, -24.7612)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(57.2340, 11.7166,
-24.7612)**

Conversions

Conversions Part 1

Format	Color
Hex	1D4351
RGB	29, 67, 81
RGB Percent	11%, 26%, 32%
CMY	0.8863, 0.7373, 0.6824
CMYK	0.64, 0.17, 0.00, 0.68
HSL	196°, 47%, 22%
HSV	196°, 64%, 32%
XYZ	3.9991, 4.8696, 8.5137
YIQ	57.2340, -27.1420, -3.7020

Conversions

Conversions Part 2

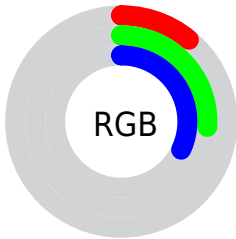
Format	Color
R _Y B	29, 51, 81
Decimal	1917777
CIE Lab	26.36, -8.68, -12.49
CIE LCh	26, 15.210, 235.193
Yxy	4.8696, 0.2301, 0.2801
Android (android.graphics.Color)	4280107857 (0xFF1D4351)
YUV	57.2340, 11.7166, -24.7612
Hunter-Lab	22.0672, -6.2695, -7.4277

Details

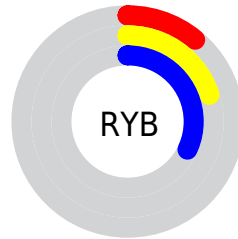
The YUV color **57.2340, 11.7166, -24.7612** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **52.7660, -11.7166, 24.7612**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.9460, 11.8586, -23.6316**, and **18.7790, 8.4900, -16.4692** is the 20% darker color. If you saturate the color by 10%, you get **53.6680, 13.4747, -28.6498**, and if you desaturate by 10%, it is **60.8000, 9.9586, -20.8726**.

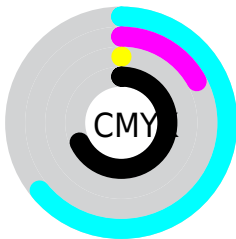
Distribution



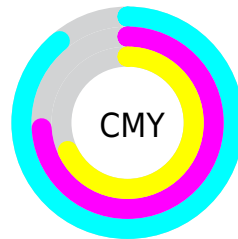
- Red (11%)
- Green (26%)
- Blue (32%)



- Red (11%)
- Yellow (20%)
- Blue (32%)



- Cyan (64%)
- Magenta (17%)
- Yellow (0%)
- Black (68%)



- Cyan (89%)
- Magenta (74%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.2340, 11.7166, -24.7612 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 57.2340, 11.7166, -24.7612 by changing the saturation by 10% instead.

■ 57.2340, 11.7166,
-24.7612

■ 57.2340, 11.7166,
-24.7612

■ 255.0000, 0.0000,
0.0000

■ 33.3260, 12.1643,
-28.3499

■ 105.9460, 11.8586,
-23.6316

■ 18.7790, 8.4900,
-16.4692

■ 131.6470, 12.0060,
-24.2464

■ 2.2970, 6.2626,
-2.0145

■ 157.7610, 12.4428,
-24.3464

■ 0.0000, 0.0000,
0.0000

■ 184.8750, 12.8796,
-24.4464

■ 212.5760, 13.0270,
-25.0612

■ 239.7950, 7.4961,

-24.3762

■ 250.8140, 2.0637,
-8.6069

■ 57.2340, 11.7166,
-24.7612

■ 57.2340, 11.7166,
-24.7612

■ 53.6680, 13.4747,
-28.6498

■ 60.8000, 9.9586,
-20.8726

■ 50.1020, 15.2327,
-32.5385

■ 64.3660, 8.2006,
-16.9840

■ 45.9490, 17.2801,
-35.9123

■ 68.5190, 6.1531,
-13.6102

■ 43.8670, 18.3066,
-38.4714

■ 72.0850, 4.3951,
-9.7215

■ 75.9500, 2.4897,
-5.2181

■ 79.5160, 0.7316,
-1.3295

■ 83.0820, -1.0264,
2.5591

■ 86.6480, -2.7845,
6.4477

■ 90.8010, -4.8319,
9.8215

Harmonies

Analogous

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



56.1860, 7.7963, -27.3501



57.2340, 11.7166, -24.7612



60.4140, 12.1209, -14.3951

Triad

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



57.2340, 11.7166, -24.7612



64.2240, 0.3826, 17.3436



60.7690, -9.7461, -0.6744

Complementary

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



57.2340, 11.7166, -24.7612



52.7660, -11.7166, 24.7612

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.



61.7810, -11.2310, 8.9621



57.2340, 11.7166, -24.7612



63.1550, -5.0064, 19.1581

Square

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



57.2340, 11.7166, -24.7612



63.9610, 5.9352, 9.6812



62.6940, -9.2161, 16.0544



58.9680, -4.9142, -10.4959

Rectangle

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



57.2340, 11.7166, -24.7612



62.2410, 11.2202, -5.4734



62.6940, -9.2161, 16.0544



61.2640, -10.4832, 2.3995

Sweetspot

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



57.2340, 11.7166, -24.7612



95.4980, 4.6845, -9.2067



61.1200, -8.9332, -28.1692



47.7650, 3.0739, -5.9329



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



57.2340, 11.7166, -24.7612



67.8670, 18.3066, -38.4714



41.9720, 19.2408, -11.3764



39.2170, 0.8790, -1.9443



56.5820, 23.8701, -49.6224



126.2380, 52.1407, -110.7107

Inverse Universe

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



48.8800, 8.9332, 28.1692



54.9450, 13.8311, 43.8982



68.0280, -19.2408, 11.3764



38.5380, 0.7208, 2.1592



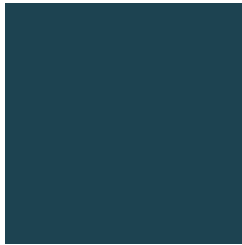
40.0590, 17.7189, 56.9533



88.7480, 40.0572, 125.6320

Previews

White Background



This preview shows how the YUV color 57.2340, 11.7166, -24.7612 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



This preview shows how the YUV color 57.2340, 11.7166, -24.7612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

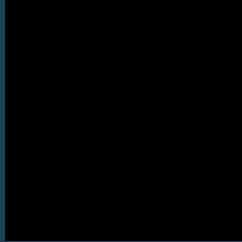
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

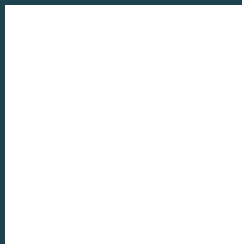
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 57.2340, 11.7166, -24.7612

Background



This preview shows how black text looks on a background with the YUV color 57.2340, 11.7166, -24.7612.



This preview shows how white text looks on a background with the YUV color 57.2340, 11.7166,

-24.7612.

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

57.2340, 11.7166, -24.7612

Protanopia

62.8130, 6.9942, -3.3440

Deuteranopia

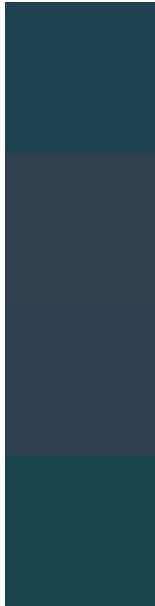
62.1980, 9.7624, -4.5586



Tritanopia

55.8270, 8.9593, -27.0353

Trichromacy



Original Color

57.2340, 11.7166, -24.7612

Protanomaly

60.8120, 8.4737, -11.2361

Deuteranomaly

60.3820, 10.6577, -11.7360

Tritanomaly

56.4680, 10.1223, -26.7204

Monochromacy



Original Color

57.2340, 11.7166, -24.7612

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.3840, 4.2477, -9.1068

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.2340, 11.7166, -24.7612 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, 67, 81)` looks like.

```
.text, #text, p{  
    color:rgb(29, 67, 81)  
}
```

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, 67, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 67, 81) }
```

Border

The CSS property to change the border of an element to YUV 57.2340, 11.7166, -24.7612 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, 67, 81) }
```


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

```
.border{ border-color:rgb(29, 67, 81) }
```

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

Here you see how a box with a 4 pixel rgb(29, 67, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 67, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 67, 81);  
box-shadow:4px 4px 4px 4px rgb(29, 67, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.2340, 11.7166, -24.7612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 67, 81) }
```

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

```
.background{ background-color: rgb(29, 67,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor