

Converting Colors

YUV(57.1030, 17.2042,
-11.4913)

Have a look what the booklet for
YUV(57.1030, 17.2042, -11.4913)
contains.

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Color

**YUV(57.1030, 17.2042,
-11.4913)**

Conversions

Conversions Part 1

Format	Color
Hex	2C395C
RGB	44, 57, 92
RGB Percent	17%, 22%, 36%
CMY	0.8275, 0.7765, 0.6392
CMYK	0.52, 0.38, 0.00, 0.64
HSL	224°, 35%, 27%
HSV	224°, 52%, 36%
XYZ	4.4336, 4.2344, 10.7089
YIQ	57.1030, -18.9830, 8.1290

Conversions

Conversions Part 2

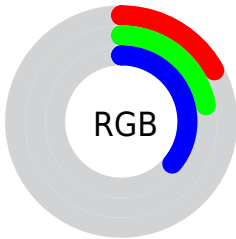
Format	Color
R_YB	44, 54, 92
Decimal	2898268
CIE _{Lab}	24.43, 5.71, -22.61
CIE _{LCh}	24, 23.320, 284.180
Y _{xy}	4.2344, 0.2288, 0.2185
Android (android.graphics.Color)	4281088348 (0xFF2C395C)
Y_{UV}	57.1030, 17.2042, -11.4913
Hunter-Lab	20.5777, 2.4479, -16.4507

Details

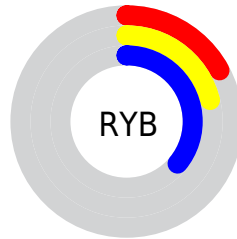
The YUV color **57.1030, 17.2042, -11.4913** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **78.8970, -17.2042, 11.4913**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0430, 18.2198, -10.5617**, and **13.4620, 16.0412, -11.8062** is the 20% darker color. If you saturate the color by 10%, you get **50.3030, 20.5566, -13.4207**, and if you desaturate by 10%, it is **63.9030, 13.8518, -9.5619**.

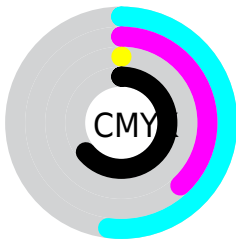
Distribution



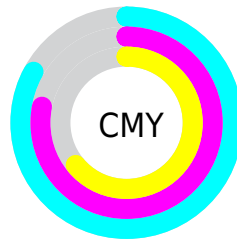
- Red (17%)
- Green (22%)
- Blue (36%)



- Red (17%)
- Yellow (21%)
- Blue (36%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)
- Black (64%)



- Cyan (83%)
- Magenta (78%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.1030, 17.2042, -11.4913 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 57.1030, 17.2042, -11.4913 by changing the saturation by 10% instead.

■ 57.1030, 17.2042,
-11.4913

■ 57.1030, 17.2042,
-11.4913

■ 255.0000, 0.0000,
0.0000

■ 34.5650, 16.4835,
-13.6505

■ 105.0430, 18.2198,
-10.5617

■ 13.4620, 16.0412,
-11.8062

■ 130.2710, 19.0934,
-10.7617

■ 3.4370, 10.6306,
-3.0142

■ 156.6840, 19.3828,
-10.2469

■ 0.0000, 0.0000,
0.0000

■ 183.7980, 19.8196,
-10.3468

■ 211.0260, 20.6932,
-10.5468

■ 236.3610, 9.1890,

-7.3326

■ 57.1030, 17.2042,
-11.4913

■ 57.1030, 17.2042,
-11.4913

■ 50.3030, 20.5566,
-13.4207

■ 63.9030, 13.8518,
-9.5619

■ 44.0900, 23.6196,
-15.8649

■ 70.1160, 10.7888,
-7.1177

■ 36.9910, 27.1194,
-18.4091

■ 77.2150, 7.2890,
-4.5736

■ 30.1910, 30.4718,
-20.3385

■ 84.0150, 3.9366,
-2.6442

■ 25.1630, 32.9506,
-22.0680

■ 90.8150, 0.5842,
-0.7148

■ 97.0280, -2.4788,
1.7294

■ 103.8280, -5.8312,
3.6588

■ 110.9270, -9.3310,
6.2030

■ 117.1400,
-12.3940, 8.6472

Harmonies

Analogous

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



47.4690, 21.9538, -41.6303



57.1030, 17.2042, -11.4913



59.7420, 11.4662, 8.9963

Triad

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



57.1030, 17.2042, -11.4913



57.4780, -11.5747, 25.8908



48.1010, -0.0498, -30.7836

Complementary

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



57.1030, 17.2042, -11.4913



78.8970, -17.2042, 11.4913

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.



53.4750, -10.5872, -10.9406



57.1030, 17.2042, -11.4913



57.1580, -16.3469, 16.5244

Square

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



57.1030, 17.2042, -11.4913



58.7370, -4.3073, 28.2947



55.7820, -16.1615, 3.6992



46.8530, 9.4395, -41.0901

Rectangle

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



57.1030, 17.2042, -11.4913



59.9560, 6.9237, 19.3326



55.7820, -16.1615, 3.6992



50.7060, -4.2921, -23.4212

Sweetspot

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



57.1030, 17.2042, -11.4913



106.1010, 6.8522, -4.4736



76.0520, 0.9604, -28.1096



53.0150, 3.9366, -2.6442



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



57.1030, 17.2042, -11.4913



64.9910, 27.1194, -18.4091



52.4620, 19.4922, 1.3488



42.7440, 1.6052, -1.5295



30.1500, 39.3660, -26.4415



64.5860, 85.0001, -56.6419

Inverse Universe

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



59.8340, -1.3972, 28.2096



69.1180, -2.0302, 44.6235



83.5380, -19.4922, -1.3488



42.7230, 0.1366, 2.8739



36.3100, -3.1108, 64.6261



78.1590, -6.9804, 139.3036

Previews

White Background



This preview shows how the YUV color 57.1030, 17.2042, -11.4913 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 57.1030, 17.2042, -11.4913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

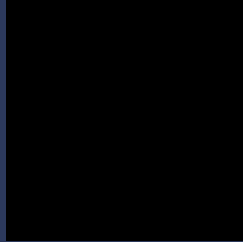
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.1030, 17.2042, -11.4913

Background



This preview shows how black text looks on a background with the YUV color 57.1030, 17.2042, -11.4913.



This preview shows how white text looks on a background with the YUV color 57.1030, 17.2042, -11.4913.

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

57.1030, 17.2042, -11.4913

Protanopia

57.4020, 17.0568, -10.8766

Deuteranopia

56.1950, 17.6519, -15.0800



Tritanopia

54.7960, 6.0166, -16.4841

Trichromacy



Original Color

57.1030, 17.2042, -11.4913

Protanomaly

57.4020, 17.0568, -10.8766

Deuteranomaly

56.7930, 17.3571, -13.8505

Tritanomaly

55.5450, 10.0843, -14.5100

Monochromacy



Original Color

57.1030, 17.2042, -11.4913

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9870, 6.4154, -4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.1030, 17.2042, -11.4913 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(44, 57, 92)` looks like.

```
.text, #text, p{  
    color:rgb(44, 57, 92)  
}
```

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(44, 57, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 57, 92) }
```

Border

The CSS property to change the border of an element to YUV 57.1030, 17.2042, -11.4913 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(44, 57, 92) }
```


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

```
.border{ border-color:rgb(44, 57, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 57, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 57, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 57, 92);  
box-shadow:4px 4px 4px 4px rgb(44, 57, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.1030, 17.2042, -11.4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 57, 92) }
```

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

```
.background{ background-color: rgb(44, 57,  
92) }
```

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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