

Converting Colors

YUV(57.8850, 17.8047,
-17.4391)

Have a look what the booklet for
YUV(57.8850, 17.8047, -17.4391)
contains.

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Color

**YUV(57.8850, 17.8047,
-17.4391)**

Conversions

Conversions Part 1

Format	Color
Hex	263D5E
RGB	38, 61, 94
RGB Percent	15%, 24%, 37%
CMY	0.8510, 0.7608, 0.6314
CMYK	0.60, 0.35, 0.00, 0.63
HSL	215°, 42%, 26%
HSV	215°, 60%, 37%
XYZ	4.4885, 4.5577, 11.2328
YIQ	57.8850, -24.3010, 5.3870

Conversions

Conversions Part 2

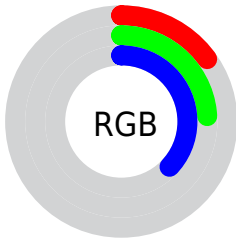
Format	Color
R_{YB}	38, 54, 94
Decimal	2506078
CIE Lab	25.44, 2.13, -22.36
CIE LCh	25, 22.461, 275.429
Yxy	4.5577, 0.2213, 0.2248
Android (android.graphics.Color)	4280696158 (0xFF263D5E)
YUV	57.8850, 17.8047, -17.4391
Hunter-Lab	21.3488, 0.1682, -16.2517




Details

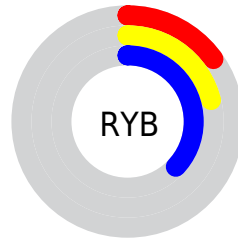
The YUV color **57.8850, 17.8047, -17.4391** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **74.1150, -17.8047, 17.4391**, and the grayscale version is **58.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **106.2380, 19.1097, -15.9947**, and **16.6250, 15.4679, -14.5801** is the 20% darker color. If you saturate the color by 10%, you get **51.6720, 20.8677, -19.8833**, and if you desaturate by 10%, it is **64.0980, 14.7417, -14.9949**.

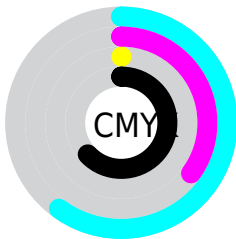
Distribution







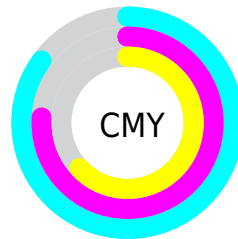
-  Red (15%)
-  Green (24%)
-  Blue (37%)






-  Red (15%)
-  Yellow (21%)
-  Blue (37%)



-  Cyan (60%)
-  Magenta (35%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (85%)
-  Magenta (76%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.8850, 17.8047, -17.4391 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 57.8850, 17.8047, -17.4391 by changing the saturation by 10% instead.

■ 57.8850, 17.8047,
-17.4391

■ 57.8850, 17.8047,
-17.4391

■ 255.0000, 0.0000,
0.0000

■ 33.8630, 17.8155,
-20.9279

■ 106.2380, 19.1097,
-15.9947

■ 16.6250, 15.4679,
-14.5801

■ 131.3520, 19.5465,
-16.0947

■ 3.6650, 11.5042,
-3.2142

■ 157.8790, 20.2727,
-15.6799

■ 0.0000, 0.0000,
0.0000

■ 184.9930, 20.7095,
-15.7799

■ 212.6940, 20.8569,
-16.3946

■ 237.8010, 8.4791,

-12.9805

253.8040, 0.5896,
-2.4591

57.8850, 17.8047,
-17.4391

57.8850, 17.8047,
-17.4391

51.6720, 20.8677,
-19.8833

64.0980, 14.7417,
-14.9949

45.7470, 23.7887,
-23.4571

70.0230, 11.8207,
-11.4212

39.5340, 26.8517,
-25.9013

76.2360, 8.7577,
-8.9770

33.6090, 29.7728,
-29.4751

82.1610, 5.8366,
-5.4032

88.3740, 2.7736,
-2.9590

■ 94.0000, 0.0000,
0.0000

■ 100.5120, -3.2104,
3.0590

■ 106.1380, -5.9840,
6.0180

■ 112.6500, -9.1945,
9.0769

Harmonies

Analogous

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



49.1160, 20.6488, -43.0747



57.8850, 17.8047, -17.4391



62.0510, 12.7929, 3.4633

Triad

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



57.8850, 17.8047, -17.4391



60.6460, -9.6855, 26.6205



53.2330, -3.5659, -23.0063

Complementary

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



57.8850, 17.8047, -17.4391



74.1150, -17.8047, 17.4391

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.



56.7530, -12.2032, -5.9224



57.8850, 17.8047, -17.4391



59.5220, -15.0473, 19.7132

Square

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



57.8850, 17.8047, -17.4391



61.1220, -1.5391, 27.0800



58.5160, -16.0304, 8.3175



47.6850, 7.5503, -41.8197

Rectangle

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



57.8850, 17.8047, -17.4391



62.0910, 8.8291, 14.8292



58.5160, -16.0304, 8.3175



54.6530, -7.2239, -16.3587

Sweetspot

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



57.8850, 17.8047, -17.4391



107.7910, 7.0050, -6.8327



74.6340, -1.7916, -32.1280



52.4170, 4.2314, -3.8737



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.



57.8850, 17.8047, -17.4391



66.0500, 27.5833, -27.2308



45.8790, 23.7237, -2.5249



42.7440, 1.6052, -1.5295



38.9550, 35.0252, -34.1635



83.9570, 75.4502, -73.6303

Inverse Universe

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



57.3660, 1.7916, 32.1280



65.1170, 2.9003, 49.8864



86.1210, -23.7237, 2.5249



42.7230, 0.1366, 2.8739



38.0200, 3.4411, 63.1265



81.9210, 7.4339, 136.0043

Previews

White Background



This preview shows how the YUV color 57.8850, 17.8047, -17.4391 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 57.8850, 17.8047, -17.4391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

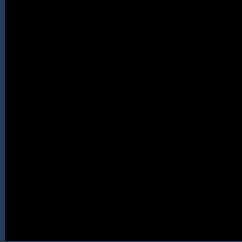
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.8850, 17.8047, -17.4391

Background



This preview shows how black text looks on a background with the YUV color 57.8850, 17.8047, -17.4391.



This preview shows how white text looks on a background with the YUV color 57.8850, 17.8047, -17.4391.

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

57.8850, 17.8047, -17.4391

Protanopia

59.4730, 16.0358, -10.0618

Deuteranopia

58.4940, 17.5045, -14.4652



Tritanopia

55.2080, 7.7855, -23.8614

Trichromacy



Original Color

57.8850, 17.8047, -17.4391

Protanomaly

58.9780, 16.7728, -13.1357

Deuteranomaly

58.1950, 17.6519, -15.0800

Tritanomaly

56.1420, 11.2690, -21.1725

Monochromacy



Original Color

57.8850, 17.8047, -17.4391

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.9760, 6.4208, -6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.8850, 17.8047, -17.4391 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(38, 61, 94)` looks like.

```
.text, #text, p{  
    color:rgb(38, 61, 94)  
}
```

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(38, 61, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 61, 94) }
```

Border

The CSS property to change the border of an element to YUV 57.8850, 17.8047, -17.4391 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(38, 61, 94) }
```


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

```
.border{ border-color:rgb(38, 61, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 61, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 61, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 61, 94);  
box-shadow:4px 4px 4px 4px rgb(38, 61, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.8850, 17.8047, -17.4391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 61, 94) }
```

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

```
.background{ background-color: rgb(38, 61,  
94) }
```

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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