

Converting Colors

YUV(57.0060, 17.7450, 1.7487)

Have a look what the booklet for
YUV(57.0060, 17.7450, 1.7487)
contains.

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Color

**YUV(57.0060, 17.7450,
1.7487)**

Conversions

Conversions Part 1

Format	Color
Hex	3B315D
RGB	59, 49, 93
RGB Percent	23%, 19%, 36%
CMY	0.7686, 0.8078, 0.6353
CMYK	0.37, 0.47, 0.00, 0.64
HSL	254°, 31%, 28%
HSV	254°, 47%, 36%
XYZ	4.8777, 3.9167, 10.8548
YIQ	57.0060, -8.1640, 15.8040

Conversions

Conversions Part 2

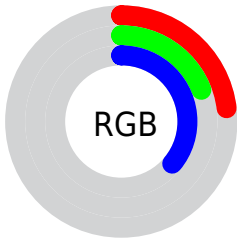
Format	Color
R_{YB}	59, 49, 93
Decimal	3879261
CIE _{Lab}	23.39, 16.00, -24.82
CIE _{LCh}	23, 29.529, 302.820
Yxy	3.9167, 0.2482, 0.1993
Android (android.graphics.Color)	4282069341 (0xFF3B315D)
YUV	57.0060, 17.7450, 1.7487
Hunter-Lab	19.7908, 9.3601, -18.6659




Details

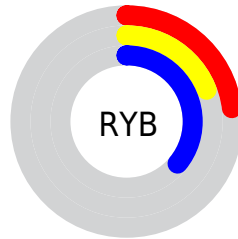
The YUV color **57.0060, 17.7450, 1.7487** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **84.9940, -17.7450, -1.7487**, and the grayscale version is **57.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **104.4730, 19.4868, 3.0932**, and **11.9030, 17.3028, 3.5931** is the 20% darker color. If you saturate the color by 10%, you get **49.6300, 21.3814, 2.0785**, and if you desaturate by 10%, it is **64.3820, 14.1087, 1.4190**.

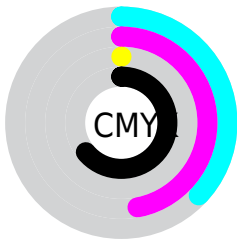
Distribution







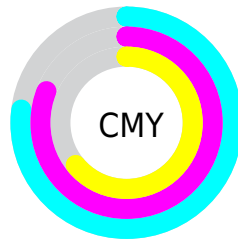
-  Red (23%)
-  Green (19%)
-  Blue (36%)






-  Red (23%)
-  Yellow (19%)
-  Blue (36%)



-  Cyan (37%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (77%)
-  Magenta (81%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.0060, 17.7450, 1.7487 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 57.0060, 17.7450, 1.7487 by changing the saturation by 10% instead.

■ 57.0060, 17.7450,
1.7487

■ 57.0060, 17.7450,
1.7487

■ 255.0000, 0.0000,
0.0000

■ 35.0660, 16.7295,
0.8191

■ 104.4730, 19.4868,
3.0932

■ 11.9030, 17.3028,
3.5931

■ 129.8860, 19.7762,
3.6080

■ 3.4370, 10.6306,
-3.0142

■ 156.1140, 20.6498,
3.4080

■ 0.0000, 0.0000,
0.0000

■ 182.9400, 21.2286,
4.4376

■ 210.9400, 21.2286,
4.4376

■ 235.8620, 9.4350,

7.1370

■ 57.0060, 17.7450,
1.7487

■ 57.0060, 17.7450,
1.7487

■ 49.6300, 21.3814,
2.0785

■ 64.3820, 14.1087,
1.4190

■ 41.6670, 25.3072,
2.9230

■ 72.3450, 10.1829,
0.5744

■ 33.9920, 29.0909,
2.6380

■ 80.0200, 6.3991,
0.8595

■ 26.6160, 32.7273,
2.9678

■ 87.3960, 2.7628,
0.5297

■ 18.6530, 36.6531,
3.8123

■ 94.7720, -0.8736,
0.2000

■ 16.8810, 37.5267,
3.6124

■ 102.7350, -4.7994,
-0.6446

■ 110.1110, -8.4357,
-0.9743

■ 117.4870,
-12.0721, -1.3041

■ 125.7490,
-16.1453, -1.5339

Harmonies

Analogous

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



46.3430, 26.4529, -38.0118



57.0060, 17.7450, 1.7487



57.2600, 9.2388, 23.4510

Triad

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



57.0060, 17.7450, 1.7487



54.2300, -18.8474, 25.2313



45.2400, 5.7977, -39.6755

Complementary

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



57.0060, 17.7450, 1.7487



84.9940, -17.7450, -1.7487

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.



43.9390, -4.4069, -33.2725



57.0060, 17.7450, 1.7487



52.5180, -22.4404, 10.9467

Square

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



57.0060, 17.7450, 1.7487



54.7610, -10.7282, 34.4126



50.4880, -17.0026, -6.5670



47.7480, 15.4072, -41.8750

Rectangle

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



57.0060, 17.7450, 1.7487



56.0070, 2.9545, 32.4429



50.4880, -17.0026, -6.5670



44.4420, 2.7401, -38.9756

Sweetspot

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



57.0060, 17.7450, 1.7487



106.1340, 6.8359, 0.7595



73.9740, 9.3798, -21.9022



52.7380, 4.0732, 0.2298



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.



57.0060, 17.7450, 1.7487



64.2370, 27.4912, 2.4232



63.5840, 14.5021, 15.2738



41.8690, 2.0366, 0.1149



20.0150, 44.3626, 4.3718



43.1640, 95.5611, 9.5032

Inverse Universe

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



66.0320, 8.3652, 23.6509



78.2600, 12.6898, 36.6060



78.4160, -14.5021, -15.2738



42.9510, 1.0102, 2.6740



42.5800, 20.9131, 59.1273



91.7250, 44.9986, 127.4062

Previews

White Background



This preview shows how the YUV color 57.0060, 17.7450, 1.7487 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 57.0060, 17.7450, 1.7487 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 57.0060, 17.7450, 1.7487

Background



This preview shows how black text looks on a background with the YUV color 57.0060, 17.7450, 1.7487.



This preview shows how white text looks on a background with the YUV color 57.0060, 17.7450,

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

57.0060, 17.7450, 1.7487

Protanopia

53.6340, 21.8724, -15.4650

Deuteranopia

53.4120, 18.5309, -17.0243



Tritanopia

55.3740, 2.7736, -2.9590

Trichromacy



Original Color

57.0060, 17.7450, 1.7487

Protanomaly

54.6240, 20.3984, -9.3172

Deuteranomaly

54.4560, 18.5092, -10.0469

Tritanomaly

55.8780, 8.4411, -0.7700

Monochromacy



Original Color

57.0060, 17.7450, 1.7487

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0200, 6.3991, 0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.0060, 17.7450, 1.7487 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(59, 49, 93)` looks like.

```
.text, #text, p{  
    color:rgb(59, 49, 93)  
}
```

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(59, 49, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 49, 93) }
```

Border

The CSS property to change the border of an element to YUV 57.0060, 17.7450, 1.7487 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(59, 49, 93) }
```


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

```
.border{ border-color:rgb(59, 49, 93) }
```

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

Here you see how a box with a 4 pixel rgb(59, 49, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 49, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 49, 93);  
box-shadow:4px 4px 4px 4px rgb(59, 49, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.0060, 17.7450, 1.7487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 49, 93) }
```

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

```
.background{ background-color: rgb(59, 49,  
93) }
```

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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