

Converting Colors

YUV(57.8030, 12.4221, 29.1138)

Have a look what the booklet for
YUV(57.8030, 12.4221, 29.1138)
contains.

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Color

**YUV(57.8030, 12.4221,
29.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	5B2453
RGB	91, 36, 83
RGB Percent	36%, 14%, 33%
CMY	0.6431, 0.8588, 0.6745
CMYK	0.00, 0.60, 0.09, 0.64
HSL	309°, 43%, 25%
HSV	309°, 60%, 36%
XYZ	6.5066, 4.1104, 8.6341
YIQ	57.8030, 17.6930, 26.2770

Conversions

Conversions Part 2

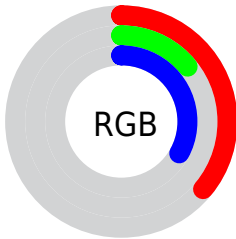
Format	Color
R_{YB}	91, 36, 83
Decimal	5973075
CIE _{Lab}	24.03, 31.98, -16.90
CIE _{LCh}	24, 36.173, 332.145
Yxy	4.1104, 0.3380, 0.2135
Android (android.graphics.Color)	4284163155 (0xFF5B2453)
YUV	57.8030, 12.4221, 29.1138
Hunter-Lab	20.2742, 21.8061, -11.0576

Details

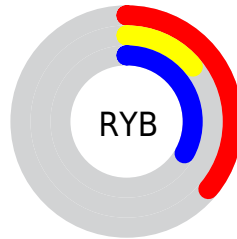
The YUV color **57.8030, 12.4221, 29.1138** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **69.1970, -12.4221, -29.1138**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.2270, 12.7061, 31.3729**, and **17.4880, 10.1124, 23.2510** is the 20% darker color. If you saturate the color by 10%, you get **52.4060, 14.5898, 33.8469**, and if you desaturate by 10%, it is **63.2000, 10.2544, 24.3806**.

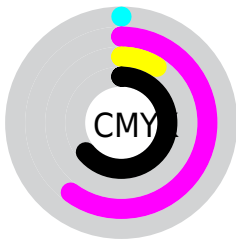
Distribution



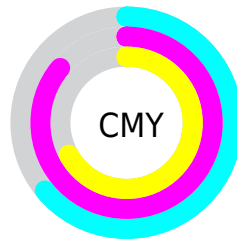
- Red (36%)
- Green (14%)
- Blue (33%)



- Red (36%)
- Yellow (14%)
- Blue (33%)



- Cyan (0%)
- Magenta (60%)
- Yellow (9%)
- Black (64%)



- Cyan (64%)
- Magenta (86%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.8030, 12.4221, 29.1138 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 57.8030, 12.4221, 29.1138 by changing the saturation by 10% instead.

■ 57.8030, 12.4221,
29.1138

■ 57.8030, 12.4221,
29.1138

■ 255.0000, 0.0000,
0.0000

■ 33.0310, 13.2957,
28.9138

■ 107.2270, 12.7061,
31.3729

■ 17.4880, 10.1124,
23.2510

■ 132.9390, 12.8481,
32.5025

■ 4.4010, 5.2253,
4.0333

■ 159.6510, 12.9901,
33.6321

■ 0.0000, 0.0000,
0.0000

■ 187.0640, 13.2794,
34.1469

■ 214.7760, 13.4214,
35.2764

■ 232.6940, 10.9969,

19.5624

249.7170, 2.6045,
4.6332

57.8030, 12.4221,
29.1138

57.8030, 12.4221,
29.1138

52.4060, 14.5898,
33.8469

63.2000, 10.2544,
24.3806

46.8950, 16.3208,
38.6801

68.7110, 8.5235,
19.5475

41.4980, 18.4885,
43.4133

74.1080, 6.3558,
14.8143

36.1010, 20.6562,
48.1464

79.5050, 4.1880,
10.0811

85.6030, 2.1677,
4.7332

■ 91.0000, 0.0000,
0.0000

■ 96.3970, -2.1677,
-4.7332

■ 101.9080, -3.8986,
-9.5663

■ 107.3050, -6.0664,
-14.2995

Harmonies

Analogous

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



58.1460, 22.1130, 0.7490



57.8030, 12.4221, 29.1138



53.9160, 1.0274, 43.9237

Triad

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



57.8030, 12.4221, 29.1138



53.7910, -26.5190, 12.4613



50.1930, 17.1599, -44.0193

Complementary

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



57.8030, 12.4221, 29.1138



69.1970, -12.4221, -29.1138

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.



47.1150, 5.3663, -41.3199



57.8030, 12.4221, 29.1138



50.2830, -22.8175, -8.1412

Square

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



57.8030, 12.4221, 29.1138



54.4820, -24.3946, 31.1493



43.3360, -6.5746, -38.0057



50.7120, 26.7640, -44.4744

Rectangle

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



57.8030, 12.4221, 29.1138



53.9240, -7.8505, 44.7937



43.3360, -6.5746, -38.0057



49.8680, 13.3761, -43.7342

Sweetspot

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



57.8030, 12.4221, 29.1138



104.3310, 4.7668, 11.1107



44.3630, 22.9920, -1.1954



51.1410, 2.8885, 6.8923



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



57.8030, 12.4221, 29.1138



65.7370, 19.3567, 44.9577



54.7250, 0.6286, 31.8132



42.9510, 1.0102, 2.6740



43.6060, 24.8442, 58.2275



94.0050, 53.7345, 125.4066

Inverse Universe

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



57.8030, 12.4221, 29.1138



65.7370, 19.3567, 44.9577



72.2750, -0.6286, -31.8132



42.9510, 1.0102, 2.6740



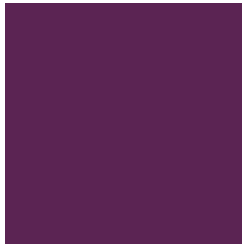
43.6060, 24.8442, 58.2275



94.0050, 53.7345, 125.4066

Previews

White Background



This preview shows how the YUV color 57.8030, 12.4221, 29.1138 looks on a white background.

Color Contrast Check

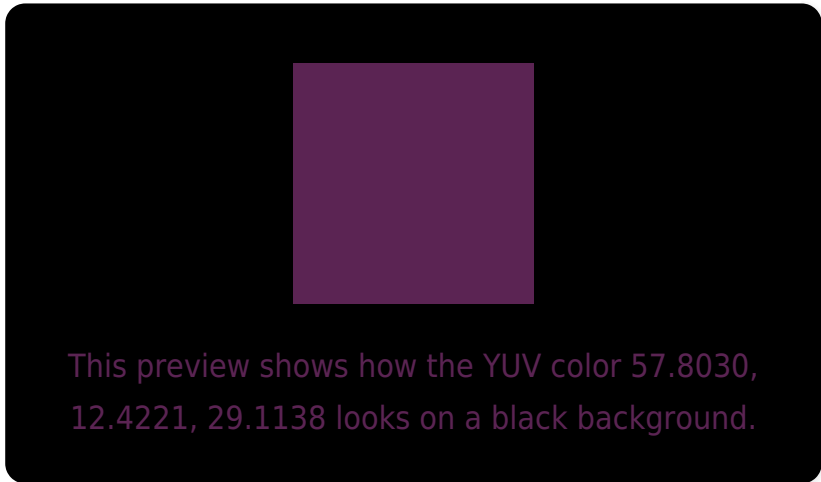
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.8030, 12.4221, 29.1138

Background



This preview shows how black text looks on a background with the YUV color 57.8030, 12.4221, 29.1138.



This preview shows how white text looks on a background with the YUV color 57.8030, 12.4221,

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

57.8030, 12.4221, 29.1138

Protanopia

56.6340, 21.8724, -15.4650

Deuteranopia

57.8280, 10.9308, -5.9882



Tritanopia

57.9000, -4.8807, 25.5207

Trichromacy



Original Color

57.8030, 12.4221, 29.1138

Protanomaly

56.8210, 18.3292, 1.0340

Deuteranomaly

57.7310, 11.4716, 7.2519

Tritanomaly

57.9200, 1.5184, 26.3802

Monochromacy



Original Color

57.8030, 12.4221, 29.1138

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.9180, 4.4774, 10.5959

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.8030, 12.4221, 29.1138 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(91, 36, 83)` looks like.

```
.text, #text, p{  
    color:rgb(91, 36, 83)  
}
```

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(91, 36, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 36, 83) }
```

Border

The CSS property to change the border of an element to YUV 57.8030, 12.4221, 29.1138 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(91, 36, 83) }
```


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

```
.border{ border-color:rgb(91, 36, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 36, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 36, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 36, 83);  
box-shadow:4px 4px 4px 4px rgb(91, 36, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.8030, 12.4221, 29.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 36, 83) }
```

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

```
.background{ background-color: rgb(91, 36,  
83) }
```

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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