

Converting Colors

YUV(59.1830, 12.7278, 24.3955)

Have a look what the booklet for
YUV(59.1830, 12.7278, 24.3955)
contains.

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Color

**YUV(59.1830, 12.7278,
24.3955)**

Conversions

Conversions Part 1

Format	Color
Hex	572855
RGB	87, 40, 85
RGB Percent	34%, 16%, 33%
CMY	0.6588, 0.8431, 0.6667
CMYK	0.00, 0.54, 0.02, 0.66
HSL	303°, 37%, 25%
HSV	303°, 54%, 34%
XYZ	6.3290, 4.1997, 9.0714
YIQ	59.1830, 13.5670, 23.9590

Conversions

Conversions Part 2

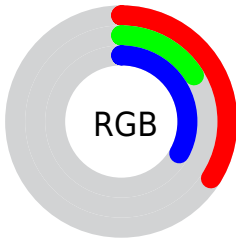
Format	Color
RYB	87, 40, 85
Decimal	5711957
CIELab	24.32, 28.86, -17.83
CIELCh	24, 33.927, 328.291
Yxy	4.1997, 0.3229, 0.2143
Android (android.graphics.Color)	4283902037 (0xFF572855)
YUV	59.1830, 12.7278, 24.3955
Hunter-Lab	20.4932, 19.2636, -11.8997

Details

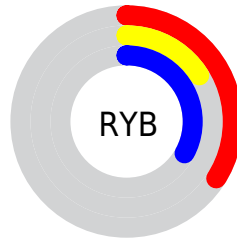
The YUV color **59.1830, 12.7278, 24.3955** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **67.8170, -12.7278, -24.3955**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.7210, 13.4485, 26.5547**, and **16.5200, 11.5756, 20.5920** is the 20% darker color. If you saturate the color by 10%, you get **53.9000, 15.3323, 29.0287**, and if you desaturate by 10%, it is **64.4660, 10.1233, 19.7623**.

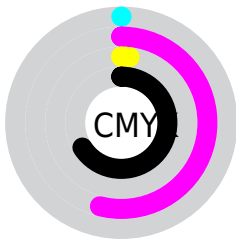
Distribution



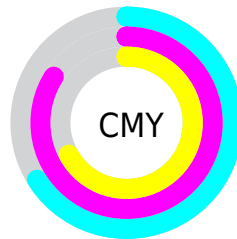
- Red (34%)
- Green (16%)
- Blue (33%)



- Red (34%)
- Yellow (16%)
- Blue (33%)



- Cyan (0%)
- Magenta (54%)
- Yellow (2%)
- Black (66%)



- Cyan (66%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.1830, 12.7278, 24.3955 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 59.1830, 12.7278, 24.3955 by changing the saturation by 10% instead.

■ 59.1830, 12.7278,
24.3955

■ 59.1830, 12.7278,
24.3955

■ 255.0000, 0.0000,
0.0000

■ 35.8840, 12.8752,
23.7807

■ 107.7210, 13.4485,
26.5547

■ 16.5200, 11.5756,
20.5920

■ 133.4330, 13.5905,
27.6843

■ 2.6500, 7.5675,
-0.5700

■ 160.1450, 13.7325,
28.8138

■ 0.0000, 0.0000,
0.0000

■ 187.5580, 14.0219,
29.3286

■ 215.2700, 14.1639,
30.4582

■ 234.4550, 10.1287,

18.0180

251.4780, 1.7363,
3.0888

59.1830, 12.7278,
24.3955

59.1830, 12.7278,
24.3955

53.9000, 15.3323,
29.0287

64.4660, 10.1233,
19.7623

49.0900, 17.2106,
33.2471

69.2760, 8.2449,
15.5439

43.8070, 19.8151,
37.8803

74.5590, 5.6404,
10.9108

38.5240, 22.4197,
42.5135

79.8420, 3.0359,
6.2776

35.4750, 23.4298,
45.1874

85.2390, 0.8682,
1.5444

■ 89.9350, -1.4470,
-2.5740

■ 95.3320, -3.6147,
-7.3072

■ 100.6150, -6.2192,
-11.9404

■ 105.3110, -8.5343,
-16.0587

Harmonies

Analogous

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



58.4120, 21.9819, -3.8693



59.1830, 12.7278, 24.3955



56.1220, 1.9119, 40.2350

Triad

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



59.1830, 12.7278, 24.3955



54.4000, -26.8192, 15.4352



49.7370, 15.4127, -43.6193

Complementary

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



59.1830, 12.7278, 24.3955



67.8170, -12.7278, -24.3955

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.



47.3600, 3.7665, -41.5347



59.1830, 12.7278, 24.3955



51.8320, -22.1022, -4.2377

Square

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



59.1830, 12.7278, 24.3955



55.6930, -21.0476, 30.9642



44.4180, -7.6011, -35.4466



50.8430, 24.7274, -44.5893

Rectangle

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



59.1830, 12.7278, 24.3955



55.3690, -6.0979, 42.6494



44.4180, -7.6011, -35.4466



49.4120, 11.6289, -43.3343

Sweetspot

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



59.1830, 12.7278, 24.3955



101.3200, 4.7722, 9.3664



45.9560, 20.2347, -3.4694



49.5430, 3.1833, 5.6628



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



59.1830, 12.7278, 24.3955



68.8070, 19.8151, 37.8803



56.5610, 2.6814, 26.6950



40.6520, 1.1576, 2.0592



43.7350, 29.2176, 55.4834



95.9150, 63.6389, 121.9775

Inverse Universe

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



59.1830, 12.7278, 24.3955



68.8070, 19.8151, 37.8803



70.4390, -2.6814, -26.6950



40.6520, 1.1576, 2.0592



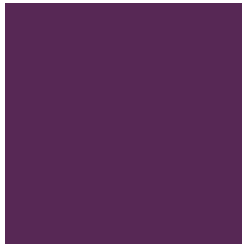
43.7350, 29.2176, 55.4834



95.9150, 63.6389, 121.9775

Previews

White Background



This preview shows how the YUV color 59.1830, 12.7278, 24.3955 looks on a white background.

Color Contrast Check

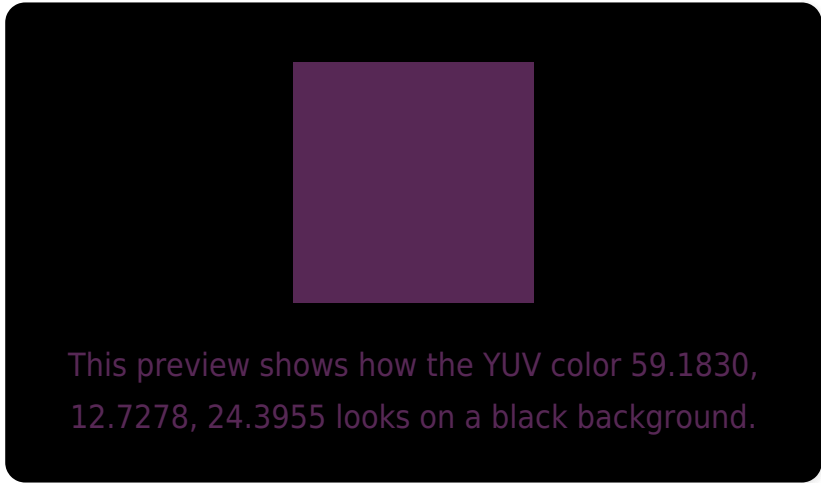
Large Text (above 18pt) WCAG AA ✓ Pass

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

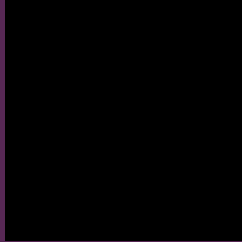
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.1830, 12.7278, 24.3955

Background



This preview shows how black text looks on a background with the YUV color 59.1830, 12.7278, 24.3955.



This preview shows how white text looks on a background with the YUV color 59.1830, 12.7278,

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

59.1830, 12.7278, 24.3955

Protanopia

56.8190, 21.2882, -14.7503

Deuteranopia

58.3440, 11.6624, -7.3177



Tritanopia

58.9210, -3.4121, 21.1173

Trichromacy



Original Color

59.1830, 12.7278, 24.3955

Protanomaly

57.8100, 18.3347, -0.7104

Deuteranomaly

58.2360, 12.2087, 4.1780

Tritanomaly

58.8270, 2.5503, 22.0767

Monochromacy



Original Color

59.1830, 12.7278, 24.3955

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9070, 4.4828, 8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.1830, 12.7278, 24.3955 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(87, 40, 85)` looks like.

```
.text, #text, p{  
    color:rgb(87, 40, 85)  
}
```

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(87, 40, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 40, 85) }
```

Border

The CSS property to change the border of an element to YUV 59.1830, 12.7278, 24.3955 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(87, 40, 85) }
```


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

```
.border{ border-color:rgb(87, 40, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 40, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 40, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 40, 85);  
box-shadow:4px 4px 4px 4px rgb(87, 40, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.1830, 12.7278, 24.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 40, 85) }
```

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

```
.background{ background-color: rgb(87, 40,  
85) }
```

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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