

Converting Colors

YUV(59.9700, -0.9712, 31.5983)

Have a look what the booklet for
YUV(59.9700, -0.9712, 31.5983)
contains.

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Color

**YUV(59.9700, -0.9712,
31.5983)**

Conversions

Conversions Part 1

Format	Color
Hex	602A3A
RGB	96, 42, 58
RGB Percent	38%, 16%, 23%
CMY	0.6235, 0.8353, 0.7725
CMYK	0.00, 0.56, 0.40, 0.62
HSL	342°, 39%, 27%
HSV	342°, 56%, 38%
XYZ	6.4156, 4.4482, 4.5234
YIQ	59.9700, 27.0480, 16.4240

Conversions

Conversions Part 2

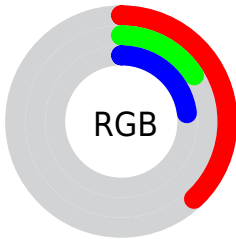
Format	Color
R_{YB}	96, 42, 58
Decimal	6302266
CIE _{Lab}	25.10, 26.42, 1.60
CIE _{LCh}	25, 26.468, 3.457
Yxy	4.4482, 0.4169, 0.2891
Android (android.graphics.Color)	4284492346 (0xFF602A3A)
YUV	59.9700, -0.9712, 31.5983
Hunter-Lab	21.0908, 17.3886, 2.0473

Details

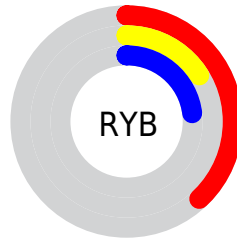
The YUV color **59.9700, -0.9712, 31.5983** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **78.0300, 0.9712, -31.5983**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3510, -2.1450, 34.7722**, and **15.7630, -0.3762, 27.3948** is the 20% darker color. If you saturate the color by 10%, you get **53.3020, -1.1349, 37.4461**, and if you desaturate by 10%, it is **66.6380, -0.8075, 25.7505**.

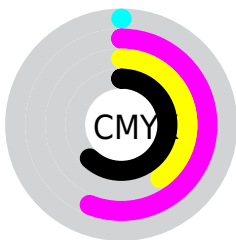
Distribution



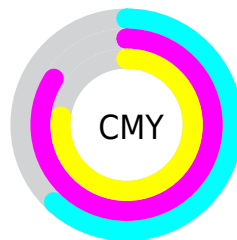
- Red (38%)
- Green (16%)
- Blue (23%)



- Red (38%)
- Yellow (16%)
- Blue (23%)



- Cyan (0%)
- Magenta (56%)
- Yellow (40%)
- Black (62%)



- Cyan (62%)
- Magenta (84%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.9700, -0.9712, 31.5983 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 59.9700, -0.9712, 31.5983 by changing the saturation by 10% instead.

■ 59.9700, -0.9712,
31.5983

■ 59.9700, -0.9712,
31.5983

255.0000, 0.0000,
0.0000

■ 36.6000, 0.1972,
30.1688

■ 109.3510, -2.1450,
34.7722

■ 15.7630, -0.3762,
27.3948

■ 134.9490, -2.4399,
36.0017

■ 3.8870, -1.9163,
7.9921

■ 161.5470, -2.7347,
37.2313

■ 0.0000, 0.0000,
0.0000

■ 188.5580, -2.7401,
38.9756

■ 214.7640, -1.8557,
35.2870

■ 234.3920, 2.2717,

18.0732

253.2390, 0.8682,
1.5444

■ 59.9700, -0.9712,
31.5983

■ 59.9700, -0.9712,
31.5983

■ 53.3020, -1.1349,
37.4461

■ 66.6380, -0.8075,
25.7505

■ 47.2210, -1.5880,
42.7792

■ 72.7190, -0.3545,
20.4174

■ 40.6670, -1.3148,
48.5270

■ 79.2730, -0.6276,
14.6696

■ 34.5860, -1.7679,
53.8601

■ 85.3540, -0.1745,
9.3365

■ 31.8960, -1.9207,
56.2192

■ 92.0220, -0.0108,
3.4887

■ 98.6900, 0.1528,
-2.3591

■ 104.6570, 0.1691,
-7.5922

■ 111.3250, 0.3328,
-13.4400

■ 117.4060, 0.7858,
-18.7731

Harmonies

Analogous

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



61.6080, 8.0813, 21.3918



59.9700, -0.9712, 31.5983



59.2660, -9.9911, 31.3387

Triad

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



59.9700, -0.9712, 31.5983



55.3570, -14.9660, -6.4521



49.5720, 22.3960, -43.4746

Complementary

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



59.9700, -0.9712, 31.5983



78.0300, 0.9712, -31.5983

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.



49.7370, 15.4127, -43.6193



59.9700, -0.9712, 31.5983



50.2710, -4.5706, -27.4247

Square

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



59.9700, -0.9712, 31.5983



57.3160, -19.3828, 10.2469



47.4570, 6.6767, -41.6198



54.5680, 21.9050, -25.9311

Rectangle

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



59.9700, -0.9712, 31.5983



58.5660, -15.0690, 26.6906



47.4570, 6.6767, -41.6198



49.7030, 20.3594, -43.5895

Sweetspot

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



59.9700, -0.9712, 31.5983



110.9630, -0.4748, 12.3104



59.5180, 17.9856, 17.9627



55.3430, -0.1691, 7.5922



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



59.9700, -0.9712, 31.5983



68.2650, -1.6096, 49.7566



64.6030, -11.1433, 27.5352



45.3100, -0.1528, 2.3591



37.2500, -2.0953, 65.5558



79.8540, -4.3650, 140.4480

Inverse Universe

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



59.9700, -0.9712, 31.5983



68.2650, -1.6096, 49.7566



73.3970, 11.1433, -27.5352



45.3100, -0.1528, 2.3591



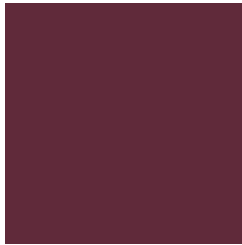
37.2500, -2.0953, 65.5558



79.8540, -4.3650, 140.4480

Previews

White Background



This preview shows how the YUV color 59.9700, -0.9712, 31.5983 looks on a white background.

Color Contrast Check

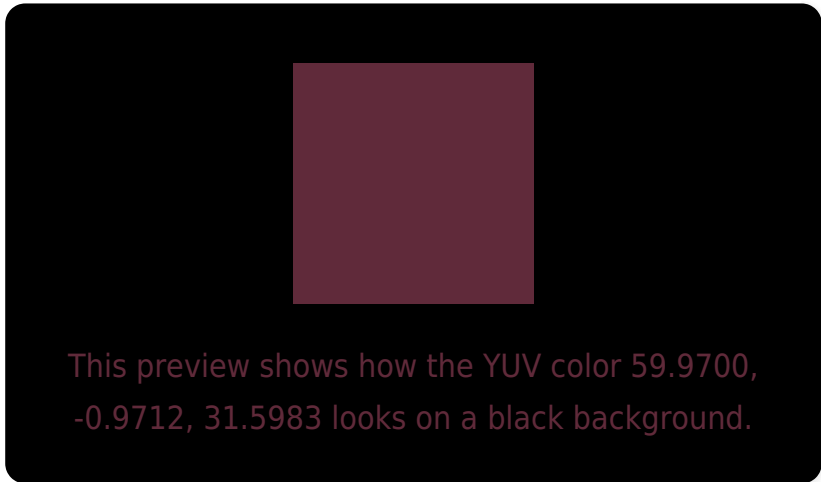
Large Text (above 18pt) WCAG AA ✓ Pass

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

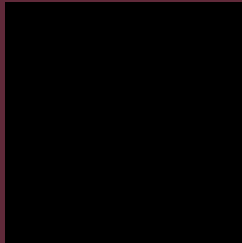
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.9700, -0.9712, 31.5983

Background



This preview shows how black text looks on a background with the YUV color 59.9700, -0.9712, 31.5983.



This preview shows how white text looks on a background with the YUV color 59.9700, -0.9712,

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

59.9700, -0.9712, 31.5983

Protanopia

60.6130, 3.6418, -1.4146

Deuteranopia

60.6480, -2.7845, 6.4477



Tritanopia

59.5910, -6.2074, 31.0537

Trichromacy



Original Color

59.9700, -0.9712, 31.5983

Protanomaly

59.9350, 2.0040, 10.5810

Deuteranomaly

60.2300, -2.0854, 15.5843

Tritanomaly

59.4600, -4.1708, 31.1686

Monochromacy



Original Color

59.9700, -0.9712, 31.5983

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.6640, -0.3274, 11.6957

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.9700, -0.9712, 31.5983 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(96, 42, 58)` looks like.

```
.text, #text, p{  
    color:rgb(96, 42, 58)  
}
```

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(96, 42, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 42, 58) }
```

Border

The CSS property to change the border of an element to YUV 59.9700, -0.9712, 31.5983 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(96, 42, 58) }
```


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

```
.border{ border-color:rgb(96, 42, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 42, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 42, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 42, 58);  
box-shadow:4px 4px 4px 4px rgb(96, 42, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.9700, -0.9712, 31.5983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 42, 58) }
```

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

```
.background{ background-color: rgb(96, 42,  
58) }
```

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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