

Converting Colors

YUV(119.2900, 20.5630,
31.3177)

Have a look what the booklet for
YUV(119.2900, 20.5630, 31.3177)
contains.

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Color

**YUV(119.2900, 20.5630,
31.3177)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5DA1
RGB	155, 93, 161
RGB Percent	61%, 36%, 63%
CMY	0.3922, 0.6353, 0.3686
CMYK	0.04, 0.42, 0.00, 0.37
HSL	295°, 27%, 50%
HSV	295°, 42%, 63%
XYZ	23.8649, 17.3705, 35.8132
YIQ	119.2900, 15.1240, 34.2920

Conversions

Conversions Part 2

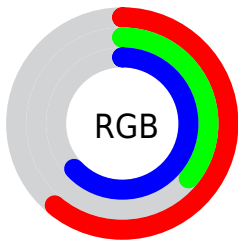
Format	Color
R_{YB}	155, 93, 161
Decimal	10182049
CIE _{Lab}	48.72, 36.46, -26.46
CIE _{LCh}	49, 45.048, 324.022
Yxy	17.3705, 0.3097, 0.2254
Android (android.graphics.Color)	4288372129 (0xFF9B5DA1)
YUV	119.2900, 20.5630, 31.3177
Hunter-Lab	41.6779, 29.2735, -21.7725

Details

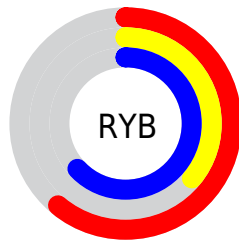
The YUV color **119.2900, 20.5630, 31.3177** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.7100, -20.5630, -31.3177**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8280, 21.2838, 33.4768**, and **68.7520, 19.8423, 29.1585** is the 20% darker color. If you saturate the color by 10%, you get **109.5990, 25.3407, 38.9397**, and if you desaturate by 10%, it is **128.9810, 15.7854, 23.6957**.

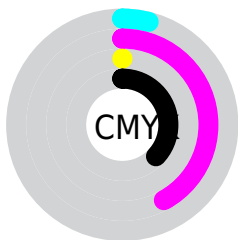
Distribution



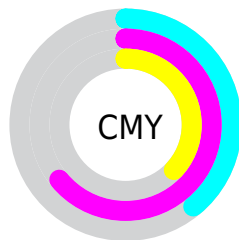
- Red (61%)
- Green (36%)
- Blue (63%)



- Red (61%)
- Yellow (36%)
- Blue (63%)



- Cyan (4%)
- Magenta (42%)
- Yellow (0%)
- Black (37%)



- Cyan (39%)
- Magenta (64%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2900, 20.5630, 31.3177 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 119.2900, 20.5630, 31.3177 by changing the saturation by 10% instead.

■ 119.2900, 20.5630,
31.3177

■ 119.2900, 20.5630,
31.3177

255.0000, 0.0000,
0.0000

■ 93.5780, 20.4210,
30.1881

■ 172.8280, 21.2838,
33.4768

■ 68.7520, 19.8423,
29.1585

■ 200.3550, 22.0100,
33.8917

■ 43.8660, 20.2791,
29.0585

■ 222.7150, 15.9165,
28.3139

■ 22.5020, 18.9795,
25.8697

■ 239.1510, 7.8136,
13.8996

■ 14.3130, 12.1707,
16.3885

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 119.2900, 20.5630,
31.3177

■ 119.2900, 20.5630,
31.3177

■ 109.5990, 25.3407,
38.9397

■ 128.9810, 15.7854,
23.6957

■ 99.6090, 30.2658,
45.9469

■ 138.9710, 10.8603,
16.6884

■ 89.9180, 35.0434,
53.5689

■ 148.6620, 6.0826,
9.0664

■ 79.9280, 39.9685,
60.5761

■ 158.6520, 1.1576,
2.0592

■ 69.6500, 45.0356,
68.7130

■ 168.9300, -3.9095,
-6.0776

■ 62.3070, 48.6556,
74.2758

■ 178.9200, -8.8346,
-13.0848

■ 188.6110,
-13.6122, -20.7068

■ 198.3020,
-18.3899, -28.3289

■ 208.2920,
-23.3150, -35.3361

Harmonies

Analogous

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



116.2830, 34.3705, -10.7722



119.2900, 20.5630, 31.3177



116.5030, 4.1890, 56.5639

Triad

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



119.2900, 20.5630, 31.3177



111.9040, -37.9137, 27.2712



95.3020, 24.9941, -83.5799

Complementary

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



119.2900, 20.5630, 31.3177



134.7100, -20.5630, -31.3177

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.



90.8560, 7.9590, -79.6807



119.2900, 20.5630, 31.3177



108.5690, -33.3115, -2.2530

Square

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



119.2900, 20.5630, 31.3177



114.3380, -29.2536, 49.6926



101.5180, -16.0314, -38.1653



97.0750, 39.4030, -85.1348

Rectangle

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



119.2900, 20.5630, 31.3177



115.0340, -7.9048, 62.2372



101.5180, -16.0314, -38.1653



93.8200, 19.3157, -82.2801

Sweetspot

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



119.2900, 20.5630, 31.3177



192.5530, 8.1084, 12.6700



104.8610, 27.6765, -10.4021



94.4230, 5.2145, 7.5220



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



119.2900, 20.5630, 31.3177



143.5000, 32.2915, 49.5505



118.0060, 7.8850, 37.7057



76.4180, 2.7519, 4.0184



56.2970, 43.7306, 67.2685



6.8360, 5.5039, 8.0368

Inverse Universe

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



114.0160, -7.4029, 41.2050



135.1330, -11.4046, 64.7814



135.9940, -7.8850, -37.7057



75.8050, -0.8899, 5.4330



44.8370, -15.6956, 87.8430



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 119.2900, 20.5630, 31.3177 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 × Fail

Black Background



This preview shows how the YUV color 119.2900, 20.5630, 31.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

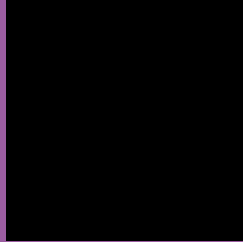
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 119.2900, 20.5630, 31.3177

Background



This preview shows how black text looks on a background with the YUV color 119.2900, 20.5630, 31.3177.



This preview shows how white text looks on a background with the YUV color 119.2900, 20.5630,

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

119.2900, 20.5630, 31.3177

Protanopia

115.0170, 31.0506, -19.3089

Deuteranopia

115.9120, 20.2564, -10.4468



Tritanopia

118.0680, -2.9915, 26.2504

Trichromacy



Original Color

119.2900, 20.5630, 31.3177

Protanomaly

116.5140, 27.3546, -0.4508

Deuteranomaly

117.0110, 20.2076, 5.2524

Tritanomaly

118.6690, 5.5862, 28.3543

Monochromacy



Original Color

119.2900, 20.5630, 31.3177

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.3140, 7.2402, 11.1256

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2900, 20.5630, 31.3177 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(155, 93, 161)` looks like.

```
.text, #text, p{  
    color:rgb(155, 93, 161)  
}
```

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(155, 93, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 93, 161) }
```

Border

The CSS property to change the border of an element to YUV 119.2900, 20.5630, 31.3177 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(155, 93, 161) }
```


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

```
.border{ border-color:rgb(155, 93, 161) }
```

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

Here you see how a box with a 4 pixel rgb(155, 93, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 93, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 93, 161);  
box-shadow:4px 4px 4px 4px rgb(155, 93,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 119.2900, 20.5630, 31.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 93, 161) }
```

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

```
.background{ background-color: rgb(155, 93,  
161) }
```

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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