

Converting Colors

YUV(55.2900, 70.8490, 2.3767)

Have a look what the booklet for
YUV(55.2900, 70.8490, 2.3767)
contains.

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Color

**YUV(55.2900, 70.8490,
2.3767)**

Conversions

Conversions Part 1

Format	Color
Hex	3A1AC7
RGB	58, 26, 199
RGB Percent	23%, 10%, 78%
CMY	0.7725, 0.8980, 0.2196
CMYK	0.71, 0.87, 0.00, 0.22
HSL	251°, 77%, 44%
HSV	251°, 87%, 78%
XYZ	12.4231, 5.7619, 54.4902
YIQ	55.2900, -36.4610, 60.5870

Conversions

Conversions Part 2

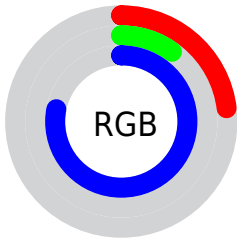
Format	Color
R_{YB}	58, 26, 199
Decimal	3807943
CIE Lab	28.80, 60.63, -81.54
CIE LCh	29, 101.610, 306.632
Yxy	5.7619, 0.1709, 0.0793
Android (android.graphics.Color)	4281998023 (0xFF3A1AC7)
YUV	55.2900, 70.8490, 2.3767
Hunter-Lab	24.0039, 50.3754, -117.7892

Details

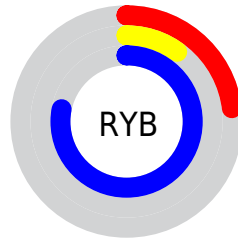
The YUV color **55.2900, 70.8490, 2.3767** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **169.7100, -70.8490, -2.3767**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.1170, 69.9483, 11.2984**, and **16.3020, 62.4621, -14.2969** is the 20% darker color. If you saturate the color by 10%, you get **38.7660, 78.9954, 2.8362**, and if you desaturate by 10%, it is **71.8140, 62.7027, 1.9171**.

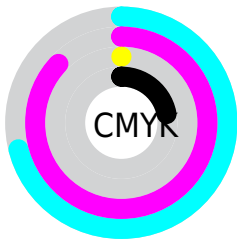
Distribution



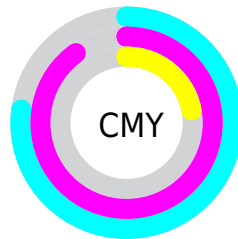
- Red (23%)
- Green (10%)
- Blue (78%)



- Red (23%)
- Yellow (10%)
- Blue (78%)



- Cyan (71%)
- Magenta (87%)
- Yellow (0%)
- Black (22%)



- Cyan (77%)
- Magenta (90%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2900, 70.8490, 2.3767 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 55.2900, 70.8490, 2.3767 by changing the saturation by 10% instead.

■ 55.2900, 70.8490,
2.3767

■ 55.2900, 70.8490,
2.3767

■ 255.0000, 0.0000,
0.0000

■ 19.4940, 74.6925,
-17.0962

■ 113.1170, 69.9483,
11.2984

■ 16.3020, 62.4621,
-14.2969

■ 137.9470, 57.7071,
17.5865

■ 13.3380, 51.1054,
-11.6974

■ 162.7660, 45.4714,
22.1302

■ 12.7220, 38.5911,
-11.1572

■ 187.8840, 33.0882,
27.2887

■ 11.6330, 26.8029,
-10.2021

■ 213.5890, 20.4156,
31.9324

■ 6.6630, 17.9141,
-5.8435

■ 231.5200, 11.5756,


■ 3.0950, 9.3202,


20.5920


-2.7143


 248.5430, 3.1833,
5.6628


 0.0000, 0.0000,
0.0000


 55.2900, 70.8490,
2.3767


 55.2900, 70.8490,
2.3767

 38.7660, 78.9954,
2.8362


 71.8140, 62.7027,
1.9171

 33.7490, 81.4687,
2.8511

 88.3380, 54.5564,
1.4576

 105.1610, 46.2626,
1.6128

 121.6850, 38.1163,
1.1533

 138.2090, 29.9700,
0.6937

■ 154.1460, 22.1130,
0.7490

■ 170.9690, 13.8193,
0.9042

■ 187.4930, 5.6730,
0.4446

■ 204.0170, -2.4734,
-0.0149

Harmonies

Analogous

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



72.2340, 78.7646, -63.3492



55.2900, 70.8490, 2.3767



64.6820, 33.1878, 88.8559

Triad

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



55.2900, 70.8490, 2.3767



57.6540, -28.4234, 63.4474



63.6940, 10.5039, -55.8596

Complementary

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



55.2900, 70.8490, 2.3767



169.7100, -70.8490, -2.3767

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.



52.2430, -25.7558, -45.8171



55.2900, 70.8490, 2.3767



62.5960, -30.8598, 4.7393

Square

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



55.2900, 70.8490, 2.3767



52.0260, -25.6488, 106.9712



49.8950, -24.5982, -43.7579



73.7600, 43.9953, -64.6875

Rectangle

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



55.2900, 70.8490, 2.3767



65.4460, 7.6681, 107.4799



49.8950, -24.5982, -43.7579



59.9150, -1.4371, -52.5455

Sweetspot

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



55.2900, 70.8490, 2.3767



200.1120, 27.0598, 0.7788



128.4890, 34.7619, -89.8829



94.6530, 16.4401, 0.3043



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



55.2900, 70.8490, 2.3767



43.1230, 104.4554, 3.4001



81.0040, 58.1720, 55.2475



91.3250, 3.7838, -0.2850



27.5520, 66.7759, 2.1469



6.1970, 14.6929, 0.7042

Inverse Universe

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



93.8010, 36.0871, 92.2595



99.9570, 53.2652, 135.9727



143.9960, -58.1720, -55.2475



93.6030, 2.1677, 4.7332



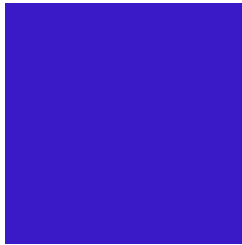
63.8990, 34.0668, 86.9116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 55.2900, 70.8490, 2.3767 looks on a white background.

Color Contrast Check

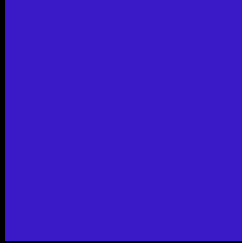
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.2900, 70.8490, 2.3767 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 55.2900, 70.8490, 2.3767

Background



This preview shows how black text looks on a background with the YUV color 55.2900, 70.8490, 2.3767.



This preview shows how white text looks on a background with the YUV color 55.2900, 70.8490,

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

55.2900, 70.8490, 2.3767

Protanopia

54.4740, 41.1783, -47.7737

Deuteranopia

54.5420, 31.2848, -47.8333



Tritanopia

53.7320, 12.9501, -47.1230

Trichromacy



Original Color

55.2900, 70.8490, 2.3767

Protanomaly

54.4560, 52.0332, -29.3409

Deuteranomaly

54.7350, 45.4866, -29.5856

Tritanomaly

54.3470, 33.8459, -29.2453

Monochromacy



Original Color

55.2900, 70.8490, 2.3767

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7700, 25.7494, 1.0787

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2900, 70.8490, 2.3767 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(58, 26, 199)` looks like.

```
.text, #text, p{  
    color:rgb(58, 26, 199)  
}
```

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(58, 26, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 26, 199) }
```

Border

The CSS property to change the border of an element to YUV 55.2900, 70.8490, 2.3767 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(58, 26, 199) }
```


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

```
.border{ border-color:rgb(58, 26, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 26, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 26, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 26, 199);  
box-shadow:4px 4px 4px 4px rgb(58, 26,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 55.2900, 70.8490, 2.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 26, 199) }
```

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

```
.background{ background-color: rgb(58, 26,  
199) }
```

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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