

Converting Colors

YUV(55.7100, 83.9530, -0.6227)

Have a look what the booklet for
YUV(55.7100, 83.9530, -0.6227)
contains.

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Color

**YUV(55.7100, 83.9530,
-0.6227)**

Conversions

Conversions Part 1

Format	Color
Hex	3717E2
RGB	55, 23, 226
RGB Percent	22%, 9%, 89%
CMY	0.7843, 0.9098, 0.1137
CMYK	0.76, 0.90, 0.00, 0.11
HSL	249°, 82%, 49%
HSV	249°, 90%, 89%
XYZ	15.6094, 6.9160, 72.4637
YIQ	55.7100, -46.0910, 69.9170

Conversions

Conversions Part 2

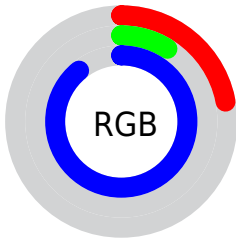
Format	Color
R _Y B	55, 23, 226
Decimal	3610594
CIE Lab	31.61, 68.58, -92.52
CIE LCh	32, 115.164, 306.545
Yxy	6.9160, 0.1643, 0.0728
Android (android.graphics.Color)	4281800674 (0xFF3717E2)
YUV	55.7100, 83.9530, -0.6227
Hunter-Lab	26.2983, 59.9270, -144.9620

Details

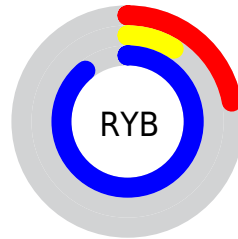
The YUV color **55.7100, 83.9530, -0.6227** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **193.2900, -83.9530, 0.6227**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.9000, 69.0693, 13.2427**, and **19.2660, 73.8189, -16.8963** is the 20% darker color. If you saturate the color by 10%, you get **36.5280, 93.4097, -0.4631**, and if you desaturate by 10%, it is **74.8920, 74.4962, -0.7823**.

Distribution



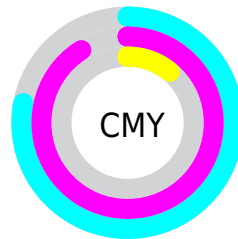
- Red (22%)
- Green (9%)
- Blue (89%)



- Red (22%)
- Yellow (9%)
- Blue (89%)



- Cyan (76%)
- Magenta (90%)
- Yellow (0%)
- Black (11%)



- Cyan (78%)
- Magenta (91%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.7100, 83.9530, -0.6227 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 55.7100, 83.9530, -0.6227 by changing the saturation by 10% instead.

■ 55.7100, 83.9530,
-0.6227

■ 55.7100, 83.9530,
-0.6227

255.0000, 0.0000,
0.0000

■ 22.4580, 86.0492,
-19.6957

■ 114.9000, 69.0693,
13.2427

■ 19.2660, 73.8189,
-16.8963

■ 140.0290, 56.6807,
20.1456

■ 16.0740, 61.5885,
-14.0969

■ 165.4460, 44.1501,
25.9189

■ 13.1100, 50.2318,
-11.4975

■ 191.4500, 31.3302,
31.1774

■ 17.7770, 35.1129,
-15.5904

■ 216.2580, 19.0998,
33.9767


■ 11.4050, 25.9293,
-10.0022


■ 232.6940, 10.9969,

■ 6.4350, 17.0405,


19.5624


-5.6435


 249.7170, 2.6045,
4.6332


 2.7530, 8.0098,
-2.4144


 0.0000, 0.0000,
0.0000


 55.7100, 83.9530,
-0.6227


 55.7100, 83.9530,
-0.6227

 36.5280, 93.4097,
-0.4631

 74.8920, 74.4962,
-0.7823

 93.4870, 65.3289,
-0.4271

 112.6690, 55.8722,
-0.5867

 131.2640, 46.7048,
-0.2315

■ 150.4460, 37.2481,
-0.3911

■ 169.6280, 27.7914,
-0.5508

■ 188.2230, 18.6241,
-0.1956

■ 207.4050, 9.1673,
-0.3552

■ 226.0000, 0.0000,
0.0000

Harmonies

Analogous

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



80.1390, 86.2065, -70.2819



55.7100, 83.9530, -0.6227



72.6000, 37.6652, 99.4518

Triad

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



55.7100, 83.9530, -0.6227



60.9650, -30.0557, 73.6987



69.8890, 11.3937, -61.2927

Complementary

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



55.7100, 83.9530, -0.6227



193.2900, -83.9530, 0.6227

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.



57.5260, -28.3603, -50.4503



55.7100, 83.9530, -0.6227



68.4990, -33.7700, 4.8244

Square

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



55.7100, 83.9530, -0.6227



58.3050, -28.7444, 119.8815



55.1780, -27.2028, -48.3911



82.0240, 50.2742, -71.9350

Rectangle

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



55.7100, 83.9530, -0.6227



73.3490, 8.2089, 120.7199



55.1780, -27.2028, -48.3911



65.6540, -2.2944, -57.5786

Sweetspot

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



55.7100, 83.9530, -0.6227



197.1550, 28.5176, -0.1359



147.6930, 38.6054, -109.3558



93.4680, 17.0243, -0.4104



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.



55.7100, 83.9530, -0.6227



41.0300, 105.4872, -0.9033



85.6100, 69.2123, 60.8550



102.8520, 4.5100, 0.1298



28.4360, 72.7491, -0.3824



7.8640, 19.7870, 0.1193

Inverse Universe

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



103.1910, 44.7688, 107.7035



100.7550, 56.3228, 135.2729



163.3900, -69.2123, -60.8550



105.3150, 2.3097, 5.8627



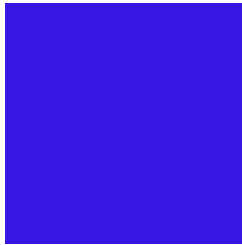
69.4960, 38.7025, 93.4040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 55.7100, 83.9530, -0.6227 looks on a white background.

Color Contrast Check

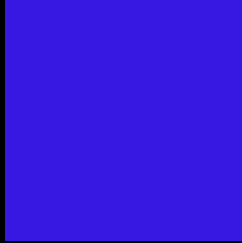
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.7100, 83.9530, -0.6227 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 55.7100, 83.9530, -0.6227

Background



This preview shows how black text looks on a background with the YUV color 55.7100, 83.9530, -0.6227.



This preview shows how white text looks on a background with the YUV color 55.7100, 83.9530,

-0.6227.

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

55.7100, 83.9530, -0.6227

Protanopia

59.4780, 45.1203, -52.1622

Deuteranopia

59.7910, 33.6270, -52.4367



Tritanopia

58.6390, 13.9820, -51.4264

Trichromacy



Original Color

55.7100, 83.9530, -0.6227

Protanomaly

57.9700, 59.1748, -33.2997

Deuteranomaly

58.1350, 52.1914, -33.4444

Tritanomaly

57.5190, 39.6771, -32.9042

Monochromacy



Original Color

55.7100, 83.9530, -0.6227

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0240, 30.5542, -0.0210

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.7100, 83.9530, -0.6227 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(55, 23, 226)` looks like.

```
.text, #text, p{  
    color:rgb(55, 23, 226)  
}
```

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(55, 23, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 23, 226) }
```

Border

The CSS property to change the border of an element to YUV 55.7100, 83.9530, -0.6227 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(55, 23, 226) }
```


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

```
.border{ border-color:rgb(55, 23, 226) }
```

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

Here you see how a box with a 4 pixel rgb(55, 23, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 23, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 23, 226);  
box-shadow:4px 4px 4px 4px rgb(55, 23,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 55.7100, 83.9530, -0.6227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 23, 226) }
```

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

```
.background{ background-color: rgb(55, 23,  
226) }
```

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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