

Converting Colors

YUV(95.6550, 67.7111, 75.7246)

Have a look what the booklet for
YUV(95.6550, 67.7111, 75.7246)
contains.

YUV(95.6550, 67.7111, 75.7246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(95.6550, 67.7111,
75.7246)**

Conversions

Conversions Part 1

Format	Color
Hex	B619E9
RGB	182, 25, 233
RGB Percent	71%, 10%, 91%
CMY	0.2863, 0.9020, 0.0863
CMYK	0.22, 0.89, 0.00, 0.09
HSL	285°, 83%, 51%
HSV	285°, 89%, 91%
XYZ	34.3470, 16.5235, 78.4699
YIQ	95.6550, 26.8040, 97.9720

Conversions

Conversions Part 2

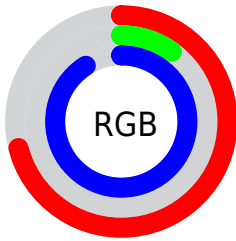
Format	Color
R_{YB}	182, 25, 233
Decimal	11934185
CIE _{Lab}	47.65, 81.77, -69.56
CIE _{LCh}	48, 107.356, 319.611
Yxy	16.5235, 0.2656, 0.1278
Android (android.graphics.Color)	4290124265 (0xFFB619E9)
YUV	95.6550, 67.7111, 75.7246
Hunter-Lab	40.6492, 79.6898, -86.0001

Details

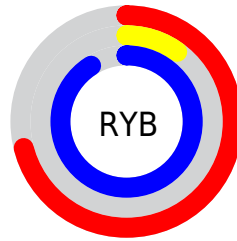
The YUV color **95.6550, 67.7111, 75.7246** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **162.3450, -67.7111, -75.7246**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2530, 47.2033, 73.4461**, and **56.8410, 58.7454, 58.0214** is the 20% darker color. If you saturate the color by 10%, you get **80.3600, 75.2515, 83.8763**, and if you desaturate by 10%, it is **110.9500, 60.1707, 67.5729**.

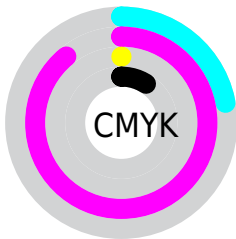
Distribution



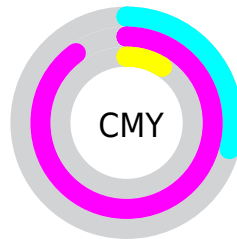
- Red (71%)
- Green (10%)
- Blue (91%)



- Red (71%)
- Yellow (10%)
- Blue (91%)



- Cyan (22%)
- Magenta (89%)
- Yellow (0%)
- Black (9%)





- Cyan (29%)
- Magenta (90%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.6550, 67.7111, 75.7246 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 95.6550, 67.7111, 75.7246 by changing the saturation by 10% instead.


 95.6550, 67.7111,
75.7246


 95.6550, 67.7111,
75.7246


255.0000, 0.0000,
0.0000


 68.7040, 66.7009,
73.0506


 159.2530, 47.2033,
73.4461


 56.8410, 58.7454,
58.0214


 179.8640, 37.0420,
65.8943


 44.7930, 51.3741,
42.2775


 197.4740, 28.3603,
50.4503

 32.4460, 44.1501,
25.9189

 214.4970, 19.9680,
35.5211

 20.2130, 37.3630,
9.4602

 232.1070, 11.2862,
20.0772

 8.0940, 31.0127,
-7.0984

 249.7170, 2.6045,

 7.7060, 19.3719,

4.6332

-6.7582

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 95.6550, 67.7111,
75.7246

■ 95.6550, 67.7111,
75.7246

■ 80.3600, 75.2515,
83.8763

■ 110.9500, 60.1707,
67.5729

■ 79.1860, 75.8303,
84.9059

■ 126.5330, 52.4882,
58.2916

■ 141.8280, 44.9478,
50.1398

■ 157.1230, 37.4074,
41.9881

■ 172.4180, 29.8669,
33.8364

■ 188.0010, 22.1845,
24.5551

■ 203.2960, 14.6441,
16.4034

■ 218.5910, 7.1036,
8.2517

■ 234.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



90.7050, 80.9974, -79.5483



95.6550, 67.7111, 75.7246



91.7360, 28.2312, 138.7975

Triad

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



95.6550, 67.7111, 75.7246



106.5620, -52.5351, 50.3731



105.3100, 32.8782, -92.3569

Complementary

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



95.6550, 67.7111, 75.7246



162.3450, -67.7111, -75.7246

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.



93.3060, -8.0389, -81.8294



95.6550, 67.7111, 75.7246



97.8820, -48.2558, -15.6825

Square

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



95.6550, 67.7111, 75.7246



82.2380, -40.5433, 124.3253



81.5930, -40.2253, -71.5571



114.5440, 68.2588, -100.4551

Rectangle

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



95.6550, 67.7111, 75.7246



86.3910, 1.2862, 147.8701



81.5930, -40.2253, -71.5571



101.7760, 19.3374, -89.2576

Sweetspot

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



95.6550, 67.7111, 75.7246



209.4140, 22.4739, 25.0699



79.2360, 75.8057, -47.5650



100.6440, 13.4865, 14.3442



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.



95.6550, 67.7111, 75.7246



86.4780, 83.0813, 92.5428



104.9760, 37.4798, 112.2770



109.6460, 3.6255, 3.8185



61.5970, 58.8657, 66.1284



18.1160, 17.6908, 19.1923

Inverse Universe

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



93.0060, -8.3840, 122.7747



83.4270, -10.0705, 150.4695



153.0240, -37.4798, -112.2770



109.5170, -0.7479, 6.5626



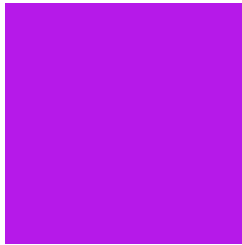
59.1350, -7.4616, 106.8756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 95.6550, 67.7111, 75.7246 looks on a white background.

Color Contrast Check

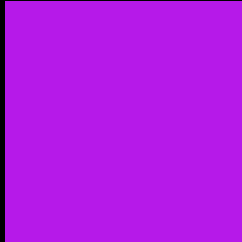
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.6550, 67.7111, 75.7246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

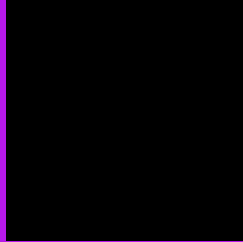
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.6550, 67.7111, 75.7246

Background



This preview shows how black text looks on a background with the YUV color 95.6550, 67.7111, 75.7246.



This preview shows how white text looks on a background with the YUV color 95.6550, 67.7111,

75.7246.

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

95.6550, 67.7111, 75.7246

Protanopia

91.0180, 69.5041, -79.8228

Deuteranopia

91.2340, 55.1006, -80.0122



Tritanopia

114.4290, -7.1135, 41.7198

Trichromacy



Original Color

95.6550, 67.7111, 75.7246



Protanomaly

92.5550, 68.7464, -23.2887



Deuteranomaly

92.8510, 59.7265, -23.5483



Tritanomaly

107.3190, 20.0557, 54.0942

Monochromacy



Original Color

95.6550, 67.7111, 75.7246



Achromatopsia

96.0000, 0.0000, 0.0000



Achromatomaly

95.7070, 24.7944, 27.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6550, 67.7111, 75.7246 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(182, 25, 233)` looks like.

```
.text, #text, p{  
    color:rgb(182, 25, 233)  
}
```

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(182, 25, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 25, 233) }
```

Border

The CSS property to change the border of an element to YUV 95.6550, 67.7111, 75.7246 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(182, 25, 233) }
```


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

```
.border{ border-color:rgb(182, 25, 233) }
```

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

Here you see how a box with a 4 pixel rgb(182, 25, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 25, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 25, 233);  
box-shadow:4px 4px 4px 4px rgb(182, 25,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 95.6550, 67.7111, 75.7246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 25, 233) }
```

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

```
.background{ background-color: rgb(182, 25,  
233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor