

Converting Colors

YUV(108.6550, 27.2851,
68.7086)

Have a look what the booklet for
YUV(108.6550, 27.2851, 68.7086)
contains.

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Color

**YUV(108.6550, 27.2851,
68.7086)**

Conversions

Conversions Part 1

Format	Color
Hex	BB3AA4
RGB	187, 58, 164
RGB Percent	73%, 23%, 64%
CMY	0.2667, 0.7725, 0.3569
CMYK	0.00, 0.69, 0.12, 0.27
HSL	311°, 53%, 48%
HSV	311°, 69%, 73%
XYZ	28.7074, 16.2712, 36.7496
YIQ	108.6550, 42.8580, 60.3140

Conversions

Conversions Part 2

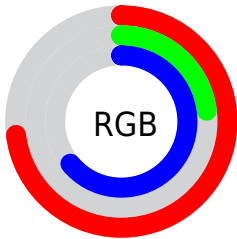
Format	Color
RYB	187, 58, 164
Decimal	12270244
CIELab	47.33, 62.50, -30.06
CIELCh	47, 69.358, 334.314
Yxy	16.2712, 0.3513, 0.1991
Android (android.graphics.Color)	4290460324 (0xFFBB3AA4)
YUV	108.6550, 27.2851, 68.7086
Hunter-Lab	40.3376, 56.4437, -25.7798

Details

The YUV color **108.6550, 27.2851, 68.7086** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **136.3450, -27.2851, -68.7086**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0250, 26.1167, 70.1381**, and **51.6380, 29.7585, 68.7235** is the 20% darker color. If you saturate the color by 10%, you get **97.1600, 31.4731, 78.7897**, and if you desaturate by 10%, it is **120.1500, 23.0971, 58.6275**.

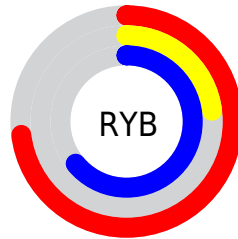
Distribution



Red (73%)

Green (23%)

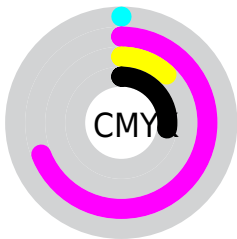
Blue (64%)



Red (73%)

Yellow (23%)

Blue (64%)

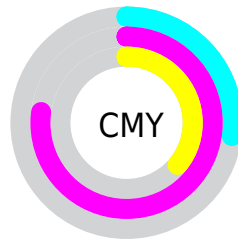


Cyan (0%)

Magenta (69%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (77%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.6550, 27.2851, 68.7086 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 108.6550, 27.2851, 68.7086 by changing the saturation by 10% instead.


 108.6550, 27.2851,
68.7086


 108.6550, 27.2851,
68.7086


255.0000, 0.0000,
0.0000


 76.3610, 29.8950,
71.5974


 166.0250, 26.1167,
70.1381


 51.6380, 29.7585,
68.7235


 188.4580, 29.3542,
58.3573

 40.4160, 22.9659,
54.0092


 206.2790, 24.0195,
42.7283

 29.6070, 16.4627,
39.8097

 223.3020, 15.6271,
27.7991

 19.6240, 10.5384,
26.6398

 240.3250, 7.2348,
12.8700

 5.3410, 6.2409,
4.9629

 0.0000, 0.0000,

0.0000

■ 108.6550, 27.2851,
68.7086

■ 108.6550, 27.2851,
68.7086

■ 97.1600, 31.4731,
78.7897

■ 120.1500, 23.0971,
58.6275

■ 86.1380, 34.9350,
88.4560

■ 131.1720, 19.6352,
48.9612

■ 74.6430, 39.1230,
98.5371

■ 142.6670, 15.4472,
38.8800

■ 73.4690, 39.7018,
99.5667

■ 154.1620, 11.2591,
28.7989

■ 165.7710, 7.5079,
18.6178

■ 176.6790, 3.6093,
9.0515

■ 188.1740, -0.5788,
-1.0296

■ 199.7830, -4.3300,
-11.2107

■ 210.6910, -8.2287,
-20.7770

Harmonies

Analogous

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



113.5250, 47.5622, 4.8016



108.6550, 27.2851, 68.7086



96.0170, 4.9216, 101.7171

Triad

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



108.6550, 27.2851, 68.7086



104.9020, -51.7167, 21.1339



100.5970, 37.6667, -88.2236

Complementary

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



108.6550, 27.2851, 68.7086



136.3450, -27.2851, -68.7086

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.



93.9850, 12.3324, -82.4248



108.6550, 27.2851, 68.7086



94.5820, -46.6289, -24.1894

Square

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



108.6550, 27.2851, 68.7086



104.5680, -51.5520, 61.7689



85.2700, -13.4441, -74.7818



101.7490, 57.3117, -89.2339

Rectangle

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



108.6550, 27.2851, 68.7086



98.4300, -15.0020, 98.7239



85.2700, -13.4441, -74.7818



98.5450, 29.8043, -86.4240

Sweetspot

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



108.6550, 27.2851, 68.7086



211.0370, 10.8278, 27.1546



78.9850, 53.2514, 0.0132



103.8200, 6.4977, 15.9439



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



108.6550, 27.2851, 68.7086



119.9090, 42.4429, 107.0738



101.4730, -0.2332, 75.0072



88.6030, 2.1677, 4.7332



62.0620, 33.4934, 84.1376



12.1190, 6.3503, 16.5586

Inverse Universe

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



108.6550, 27.2851, 68.7086



119.9090, 42.4429, 107.0738



143.5270, 0.2332, -75.0072



88.6030, 2.1677, 4.7332



62.0620, 33.4934, 84.1376



12.1190, 6.3503, 16.5586

Previews

White Background



This preview shows how the YUV color 108.6550, 27.2851, 68.7086 looks on a white background.

Color Contrast Check

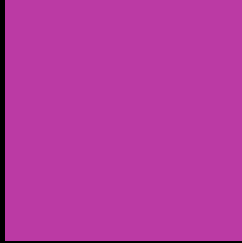
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.6550, 27.2851, 68.7086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

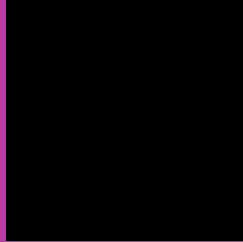
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.6550, 27.2851, 68.7086

Background



This preview shows how black text looks on a background with the YUV color 108.6550, 27.2851, 68.7086.



This preview shows how white text looks on a background with the YUV color 108.6550, 27.2851, 68.7086.

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

108.6550, 27.2851, 68.7086

Protanopia

107.1190, 49.7343, -38.6924

Deuteranopia

113.1290, 21.1354, -12.3911



Tritanopia

110.9860, -11.8251, 59.6483

Trichromacy



Original Color

108.6550, 27.2851, 68.7086



Protanomaly

107.5970, 41.6107, 0.3534



Deuteranomaly

111.2990, 23.5166, 17.2778



Tritanomaly

110.3790, 2.2782, 62.8116

Monochromacy



Original Color

108.6550, 27.2851, 68.7086



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

108.4990, 10.1070, 24.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.6550, 27.2851, 68.7086 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(187, 58, 164)` looks like.

```
.text, #text, p{  
    color:rgb(187, 58, 164)  
}
```

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(187, 58, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 58, 164) }
```

Border

The CSS property to change the border of an element to YUV 108.6550, 27.2851, 68.7086 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(187, 58, 164) }
```


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

```
.border{ border-color:rgb(187, 58, 164) }
```

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

Here you see how a box with a 4 pixel rgb(187, 58, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 58, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 58, 164);  
box-shadow:4px 4px 4px 4px rgb(187, 58,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 108.6550, 27.2851, 68.7086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 58, 164) }
```

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

```
.background{ background-color: rgb(187, 58,  
164) }
```

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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