

Converting Colors

YUV(107.8280, 11.4238,
69.4338)

Have a look what the booklet for
YUV(107.8280, 11.4238, 69.4338)
contains.

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Color

**YUV(107.8280, 11.4238,
69.4338)**

Conversions

Conversions Part 1

Format	Color
Hex	BB3F83
RGB	187, 63, 131
RGB Percent	73%, 25%, 51%
CMY	0.2667, 0.7529, 0.4863
CMYK	0.00, 0.66, 0.30, 0.27
HSL	327°, 50%, 49%
HSV	327°, 66%, 73%
XYZ	26.3678, 15.7585, 23.1247
YIQ	107.8280, 52.0760, 47.4360

Conversions

Conversions Part 2

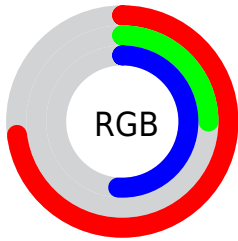
Format	Color
R_{YB}	187, 63, 131
Decimal	12271491
CIE _{Lab}	46.66, 56.03, -11.30
CIE _{LCh}	47, 57.157, 348.599
Yxy	15.7585, 0.4041, 0.2415
Android (android.graphics.Color)	4290461571 (0xFFBB3F83)
YUV	107.8280, 11.4238, 69.4338
Hunter-Lab	39.6970, 49.0946, -6.7503

Details

The YUV color **107.8280, 11.4238, 69.4338** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **142.1720, -11.4238, -69.4338**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7960, 9.9606, 72.0929**, and **48.2180, 16.6545, 71.7228** is the 20% darker color. If you saturate the color by 10%, you get **95.7630, 13.4278, 80.0148**, and if you desaturate by 10%, it is **119.8930, 9.4198, 58.8528**.

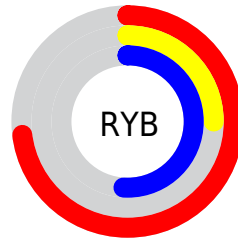
Distribution



Red (73%)

Green (25%)

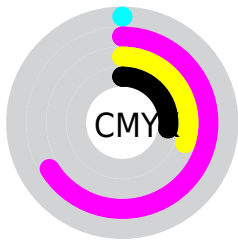
Blue (51%)



Red (73%)

Yellow (25%)

Blue (51%)

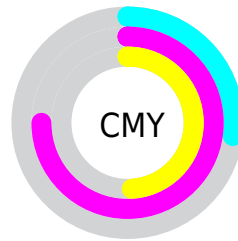


Cyan (0%)

Magenta (66%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (75%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.8280, 11.4238, 69.4338 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 107.8280, 11.4238, 69.4338 by changing the saturation by 10% instead.


 107.8280, 11.4238,
69.4338


 107.8280, 11.4238,
69.4338


255.0000, 0.0000,
0.0000

 78.1100, 13.7498,
70.0635


 163.7960, 9.9606,
72.0929

 48.2180, 16.6545,
71.7228


 186.1150, 12.7613,
60.4121


 37.2240, 10.7356,
56.8086

 205.7430, 16.8887,
43.1984

 26.6430, 5.1060,
42.4091

 224.4760, 15.0483,
26.7695

 16.6600, -0.8184,
29.2392

 241.4990, 6.6560,
11.8404

 0.0000, 0.0000,
0.0000

107.8280, 11.4238,
69.4338

107.8280, 11.4238,
69.4338

95.7630, 13.4278,
80.0148

119.8930, 9.4198,
58.8528

84.1710, 14.7057,
90.1810

131.4850, 8.1419,
48.6867

72.1060, 16.7097,
100.7620

143.5500, 6.1379,
38.1057

67.6550, 17.4251,
104.6656

155.7290, 4.5706,
27.4247


167.2070, 2.8559,
17.3585

179.3860, 1.2887,
6.6775

191.4510, -0.7153,
-3.9035

203.6300, -2.2826,

-14.5845

 215.1080, -3.9972,
-24.6507

Harmonies

Analogous

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



113.2220, 30.4566, 31.3773



107.8280, 11.4238, 69.4338



104.1610, -10.4324, 79.6658

Triad

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



107.8280, 11.4238, 69.4338



100.0740, -49.3365, 4.3201



97.0580, 41.8764, -85.1199

Complementary

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



107.8280, 11.4238, 69.4338



142.1720, -11.4238, -69.4338

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.



94.0310, 22.6627, -82.4652



107.8280, 11.4238, 69.4338



91.7810, -25.0350, -43.6579

Square

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



107.8280, 11.4238, 69.4338



104.1260, -51.3341, 38.4775



87.1570, 1.4016, -76.4367



94.3970, 54.5273, -82.7862

Rectangle

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



107.8280, 11.4238, 69.4338



105.6920, -25.9772, 72.1841



87.1570, 1.4016, -76.4367



96.2770, 36.3454, -84.4349

Sweetspot

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



107.8280, 11.4238, 69.4338



211.3160, 4.2812, 26.9099



93.8800, 45.9082, 22.0302



103.4950, 2.7140, 16.2289



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.



107.8280, 11.4238, 69.4338



118.2040, 18.1404, 108.5691



100.7600, -15.6577, 75.6325



88.2610, 0.8573, 5.0331



57.1600, 14.7111, 88.4367



11.2070, 2.8559, 17.3585

Inverse Universe

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



107.8280, 11.4238, 69.4338



118.2040, 18.1404, 108.5691



149.2400, 15.6577, -75.6325



88.2610, 0.8573, 5.0331



57.1600, 14.7111, 88.4367



11.2070, 2.8559, 17.3585

Previews

White Background



This preview shows how the YUV color 107.8280, 11.4238, 69.4338 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 107.8280, 11.4238, 69.4338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

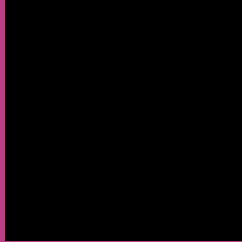
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.8280, 11.4238, 69.4338

Background



This preview shows how black text looks on a background with the YUV color 107.8280, 11.4238, 69.4338.



This preview shows how white text looks on a background with the YUV color 107.8280, 11.4238,

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

107.8280, 11.4238, 69.4338

Protanopia

111.0730, 26.0930, -15.8500

Deuteranopia

112.2160, 5.8095, 3.3186



Tritanopia

108.5630, -13.5886, 65.2812

Trichromacy



Original Color

107.8280, 11.4238, 69.4338

Protanomaly

109.8920, 20.7592, 15.0037

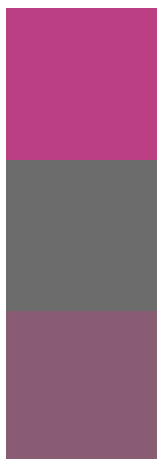
Deuteranomaly

110.9400, 7.9176, 27.2396

Tritanomaly

107.9790, -4.4266, 66.6704

Monochromacy



Original Color

107.8280, 11.4238, 69.4338

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1910, 3.8498, 25.2655

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.8280, 11.4238, 69.4338 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, 63, 131)` looks like.

```
.text, #text, p{  
    color:rgb(187, 63, 131)  
}
```

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, 63, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 63, 131) }
```

Border

The CSS property to change the border of an element to YUV 107.8280, 11.4238, 69.4338 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, 63, 131) }
```


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

```
.border{ border-color:rgb(187, 63, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 63, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 63, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 63, 131);  
box-shadow:4px 4px 4px 4px rgb(187, 63,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 107.8280, 11.4238, 69.4338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 63, 131) }
```

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

```
.background{ background-color: rgb(187, 63,  
131) }
```

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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