

Converting Colors

YUV(109.6110, 10.5448,
71.3782)

Have a look what the booklet for
YUV(109.6110, 10.5448, 71.3782)
contains.

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Color

**YUV(109.6110, 10.5448,
71.3782)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4083
RGB	191, 64, 131
RGB Percent	75%, 25%, 51%
CMY	0.2510, 0.7490, 0.4863
CMYK	0.00, 0.66, 0.31, 0.25
HSL	328°, 50%, 50%
HSV	328°, 66%, 75%
XYZ	27.4160, 16.3819, 23.1898
YIQ	109.6110, 54.1850, 47.7610

Conversions

Conversions Part 2

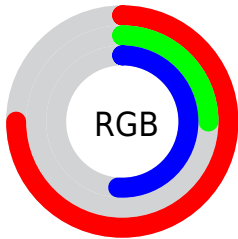
Format	Color
R_{YB}	191, 64, 131
Decimal	12533891
CIE Lab	47.47, 56.78, -10.00
CIE LCh	47, 57.654, 350.007
Yxy	16.3819, 0.4093, 0.2446
Android (android.graphics.Color)	4290723971 (0xFFBF4083)
YUV	109.6110, 10.5448, 71.3782
Hunter-Lab	40.4745, 50.0792, -5.6379

Details

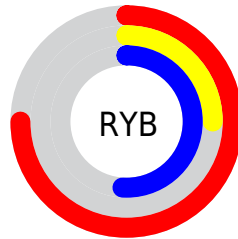
The YUV color **109.6110, 10.5448, 71.3782** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **145.3890, -10.5448, -71.3782**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.4650, 8.6448, 74.1372**, and **49.1150, 16.2123, 73.5671** is the 20% darker color. If you saturate the color by 10%, you get **97.4320, 12.1120, 82.0591**, and if you desaturate by 10%, it is **121.7900, 8.9775, 60.6972**.

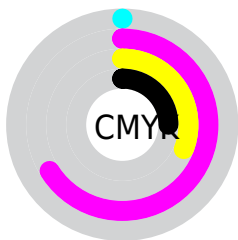
Distribution



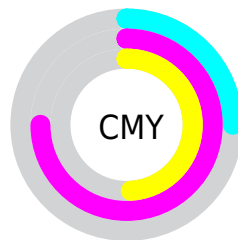
- Red (75%)
- Green (25%)
- Blue (51%)



- Red (75%)
- Yellow (25%)
- Blue (51%)



- Cyan (0%)
- Magenta (66%)
- Yellow (31%)
- Black (25%)



- Cyan (25%)
- Magenta (75%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.6110, 10.5448, 71.3782 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 109.6110, 10.5448, 71.3782 by changing the saturation by 10% instead.

109.6110, 10.5448,
71.3782

109.6110, 10.5448,
71.3782

255.0000, 0.0000,
0.0000

79.8930, 12.8708,
72.0078

166.4650, 8.6448,
74.1372

49.1150, 16.2123,
73.5671

187.2890, 12.1825,
59.3825

38.1210, 10.2933,
58.6529

206.9170, 16.3099,
42.1688

27.5400, 4.6638,
44.2534

225.0630, 14.7589,
26.2547

17.5570, -1.2606,
31.0835

242.6730, 6.0772,
10.8108

2.0930, -1.0318,
4.3034

0.0000, 0.0000,

0.0000

■ 109.6110, 10.5448,
71.3782

■ 109.6110, 10.5448,
71.3782

■ 97.4320, 12.1120,
82.0591

■ 121.7900, 8.9775,
60.6972

■ 85.2530, 13.6793,
92.7401

■ 133.9690, 7.4103,
50.0162

■ 73.0740, 15.2465,
103.4211

■ 146.1480, 5.8430,
39.3352

■ 68.6230, 15.9619,
107.3246

■ 158.3270, 4.2758,
28.6542

■ 171.0930, 2.4192,
17.4584

■ 183.2720, 0.8519,
6.7775

■ 195.4510, -0.7153,
-3.9035

■ 207.6300, -2.2826,
-14.5845

■ 219.8090, -3.8498,
-25.2655

Harmonies

Analogous

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



115.4180, 29.8669, 33.8364



109.6110, 10.5448, 71.3782



106.1180, -11.8902, 80.5805

Triad

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



109.6110, 10.5448, 71.3782



101.5360, -50.0572, 2.1609



98.6880, 43.0448, -86.5494

Complementary

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



109.6110, 10.5448, 71.3782



145.3890, -10.5448, -71.3782

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.



95.7750, 24.2679, -83.9947



109.6110, 10.5448, 71.3782



92.5140, -23.4244, -46.9318

Square

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



109.6110, 10.5448, 71.3782



106.1860, -52.3497, 37.5479



89.3740, 2.2806, -78.3810



96.0270, 55.6957, -84.2157

Rectangle

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



109.6110, 10.5448, 71.3782



107.3500, -27.2875, 72.4841



89.3740, 2.2806, -78.3810



97.9070, 37.5138, -85.8644

Sweetspot

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



109.6110, 10.5448, 71.3782



215.6150, 4.1338, 27.5246



96.1190, 46.7763, 23.5746



105.7940, 2.5666, 16.8437



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



109.6110, 10.5448, 71.3782



120.1720, 16.6772, 111.2282



102.4290, -16.9735, 77.6768



88.2610, 0.8573, 5.0331



56.7040, 12.9639, 88.8366



11.0930, 2.4192, 17.4584

Inverse Universe

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



109.6110, 10.5448, 71.3782



120.1720, 16.6772, 111.2282



152.5710, 16.9735, -77.6768



88.2610, 0.8573, 5.0331



56.7040, 12.9639, 88.8366



11.0930, 2.4192, 17.4584

Previews

White Background



This preview shows how the YUV color 109.6110, 10.5448, 71.3782 looks on a white background.

Color Contrast Check

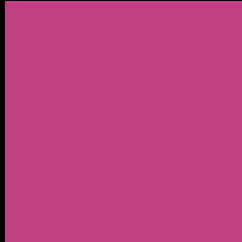
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.6110, 10.5448, 71.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

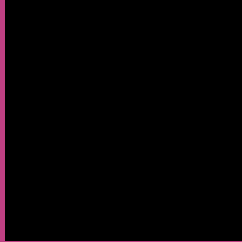
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.6110, 10.5448, 71.3782

Background



This preview shows how black text looks on a background with the YUV color 109.6110, 10.5448, 71.3782.



This preview shows how white text looks on a background with the YUV color 109.6110, 10.5448,

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

109.6110, 10.5448, 71.3782

Protanopia

113.1440, 25.0720, -15.0353

Deuteranopia

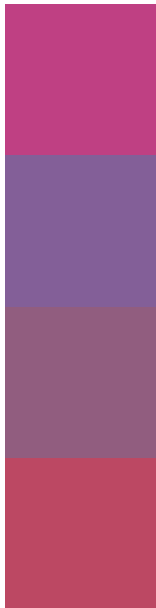
114.2870, 4.7885, 4.1333



Tritanopia

109.7590, -14.1782, 67.7404

Trichromacy



Original Color

109.6110, 10.5448, 71.3782

Protanomaly

112.2620, 19.5908, 16.4332

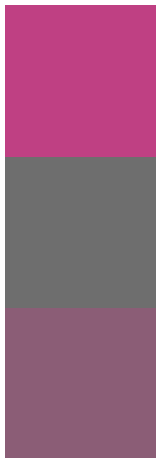
Deuteranomaly

112.4240, 7.1860, 28.5692

Tritanomaly

109.7620, -5.3057, 68.6147

Monochromacy



Original Color

109.6110, 10.5448, 71.3782

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.6040, 4.1392, 25.7803

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6110, 10.5448, 71.3782 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(191, 64, 131)` looks like.

```
.text, #text, p{  
    color:rgb(191, 64, 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(191, 64, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 64, 131) }
```

Border

The CSS property to change the border of an element to YUV 109.6110, 10.5448, 71.3782 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(191, 64, 131) }
```


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

```
.border{ border-color:rgb(191, 64, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 64, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 64, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 64, 131);  
box-shadow:4px 4px 4px 4px rgb(191, 64,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 109.6110, 10.5448, 71.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 64, 131) }
```

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

```
.background{ background-color: rgb(191, 64,  
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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