

Converting Colors

YUV(100.7090, 11.9755,
79.1852)

Have a look what the booklet for
YUV(100.7090, 11.9755, 79.1852)
contains.

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Color

**YUV(100.7090, 11.9755,
79.1852)**

Conversions

Conversions Part 1

Format	Color
Hex	BF327D
RGB	191, 50, 125
RGB Percent	75%, 20%, 49%
CMY	0.2510, 0.8039, 0.5098
CMYK	0.00, 0.74, 0.35, 0.25
HSL	328°, 59%, 47%
HSV	328°, 74%, 75%
XYZ	26.3281, 14.8382, 20.8785
YIQ	100.7090, 59.9610, 53.2170

Conversions

Conversions Part 2

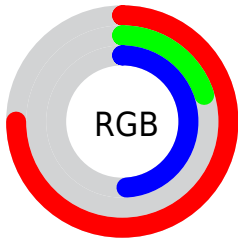
Format	Color
R_{YB}	191, 50, 125
Decimal	12530301
CIE _{Lab}	45.41, 61.23, -9.45
CIE _{LCh}	45, 61.953, 351.228
Yxy	14.8382, 0.4243, 0.2392
Android (android.graphics.Color)	4290720381 (0xFFBF327D)
YUV	100.7090, 11.9755, 79.1852
Hunter-Lab	38.5204, 54.5913, -5.1715

Details

The YUV color **100.7090, 11.9755, 79.1852** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **140.2910, -11.9755, -79.1852**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3240, 9.2073, 80.3999**, and **48.4310, 13.5915, 74.1670** is the 20% darker color. If you saturate the color by 10%, you get **88.5300, 13.5427, 89.8662**, and if you desaturate by 10%, it is **112.8880, 10.4082, 68.5042**.

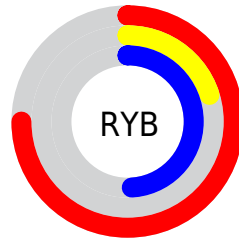
Distribution



Red (75%)

Green (20%)

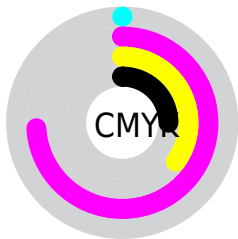
Blue (49%)



Red (75%)

Yellow (20%)

Blue (49%)

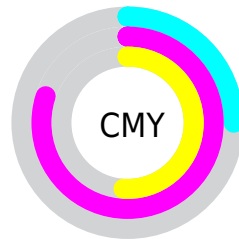


Cyan (0%)

Magenta (74%)

Yellow (35%)

Black (25%)



Cyan (25%)


Magenta (80%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7090, 11.9755, 79.1852 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 100.7090, 11.9755, 79.1852 by changing the saturation by 10% instead.


 100.7090, 11.9755,
79.1852


 100.7090, 11.9755,
79.1852


255.0000, 0.0000,
0.0000


 63.3600, 18.0635,
86.5073

 159.3240, 9.2073,
80.3999


 48.4310, 13.5915,
74.1670


 180.0340, 12.3082,
65.7452


 37.1380, 7.8200,
58.6380

 199.6620, 16.4356,
48.5314

 26.3720, 2.7746,
43.5238

 219.1930, 17.6529,
31.4027

 15.9330, -4.8970,
30.7538

 236.2160, 9.2605,
16.4736

 0.0000, 0.0000,
0.0000

253.8260, 0.5788,

1.0296

■ 100.7090, 11.9755,
79.1852

■ 100.7090, 11.9755,
79.1852

■ 88.5300, 13.5427,
89.8662

■ 112.8880, 10.4082,
68.5042

■ 76.3510, 15.1100,
100.5472

■ 125.0670, 8.8410,
57.8232

■ 68.7370, 16.3987,
107.2247

■ 137.2460, 7.2737,
47.1423

■ 149.4250, 5.7065,
36.4613

■ 162.1910, 3.8498,
25.2655

■ 174.3700, 2.2826,
14.5845

■ 186.5490, 0.7153,
3.9035

■ 198.7280, -0.8519,
-6.7775

■ 210.7930, -2.8559,
-17.3585

Harmonies

Analogous

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



109.7930, 31.1611, 38.7695



100.7090, 11.9755, 79.1852



97.7490, -12.2013, 87.0431

Triad

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



100.7090, 11.9755, 79.1852



96.4970, -47.5730, -1.3129



96.5680, 45.0760, -84.6901

Complementary

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



100.7090, 11.9755, 79.1852



140.2910, -11.9755, -79.1852

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.



92.7260, 25.2781, -81.3207



100.7090, 11.9755, 79.1852



78.6750, -21.0388, -65.4900

Square

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



100.7090, 11.9755, 79.1852



101.4570, -50.0183, 36.4332



85.9830, 1.9804, -75.4071



93.3200, 58.0162, -81.8416

Rectangle

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



100.7090, 11.9755, 79.1852



100.5030, -29.3350, 75.8579



85.9830, 1.9804, -75.4071



95.6730, 39.1082, -83.9052

Sweetspot

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



100.7090, 11.9755, 79.1852



212.4520, 4.7072, 30.2986



85.8080, 51.8597, 26.4784



103.9190, 2.9979, 18.4880



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.



100.7090, 11.9755, 79.1852



106.1180, 18.6758, 123.5535



92.7290, -18.6004, 86.1837



88.2610, 0.8573, 5.0331



56.8180, 13.4007, 88.7366



11.0930, 2.4192, 17.4584

Inverse Universe

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



100.7090, 11.9755, 79.1852



106.1180, 18.6758, 123.5535



148.2710, 18.6004, -86.1837



88.2610, 0.8573, 5.0331



56.8180, 13.4007, 88.7366



11.0930, 2.4192, 17.4584

Previews

White Background



This preview shows how the YUV color 100.7090, 11.9755, 79.1852 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 100.7090, 11.9755, 79.1852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

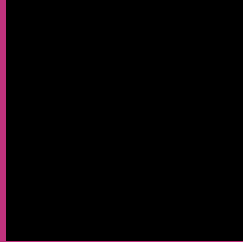
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.7090, 11.9755, 79.1852

Background



This preview shows how black text looks on a background with the YUV color 100.7090, 11.9755, 79.1852.



This preview shows how white text looks on a background with the YUV color 100.7090, 11.9755,

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

100.7090, 11.9755, 79.1852

Protanopia

108.1160, 27.5508, -16.7647

Deuteranopia

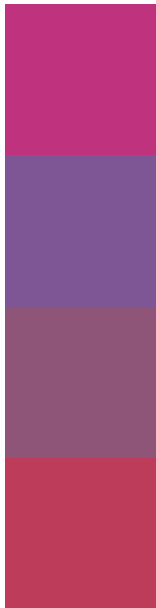
109.1730, 4.3517, 4.2333



Tritanopia

102.5210, -16.5259, 74.0881

Trichromacy



Original Color

100.7090, 11.9755, 79.1852

Protanomaly

105.2560, 22.0588, 18.1925

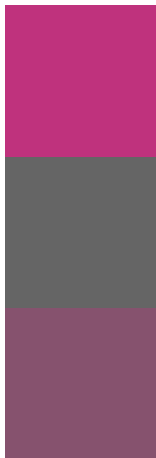
Deuteranomaly

106.1470, 7.3225, 31.4431

Tritanomaly

101.5780, -6.2010, 75.7921

Monochromacy



Original Color

100.7090, 11.9755, 79.1852

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.7400, 4.5652, 29.1690

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7090, 11.9755, 79.1852 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, 50, 125)` looks like.

```
.text, #text, p{  
  color:rgb(191, 50, 125)  
}
```

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, 50, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 50, 125) }
```

Border

The CSS property to change the border of an element to YUV 100.7090, 11.9755, 79.1852 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, 50, 125) }
```


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

```
.border{ border-color:rgb(191, 50, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 50, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 50, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 50, 125);  
box-shadow:4px 4px 4px 4px rgb(191, 50,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 100.7090, 11.9755, 79.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 50, 125) }
```

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

```
.background{ background-color: rgb(191, 50,  
125) }
```

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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