

Converting Colors

YUV(103.7380, 21.3282,
66.0048)

Have a look what the booklet for
YUV(103.7380, 21.3282, 66.0048)
contains.

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Color

**YUV(103.7380, 21.3282,
66.0048)**

Conversions

Conversions Part 1

Format	Color
Hex	B33993
RGB	179, 57, 147
RGB Percent	70%, 22%, 58%
CMY	0.2980, 0.7765, 0.4235
CMYK	0.00, 0.68, 0.18, 0.30
HSL	316°, 52%, 46%
HSV	316°, 68%, 70%
XYZ	25.3200, 14.6165, 29.0905
YIQ	103.7380, 43.8220, 53.8540

Conversions

Conversions Part 2

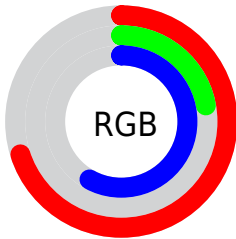
Format	Color
R_{YB}	179, 57, 147
Decimal	11745683
CIE _{Lab}	45.10, 58.34, -23.46
CIE _{LCh}	45, 62.880, 338.093
Yxy	14.6165, 0.3668, 0.2118
Android (android.graphics.Color)	4289935763 (0xFFB33993)
YUV	103.7380, 21.3282, 66.0048
Hunter-Lab	38.2316, 51.3116, -18.3518

Details

The YUV color **103.7380, 21.3282, 66.0048** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **132.2620, -21.3282, -66.0048**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.4070, 20.0123, 68.0491**, and **47.7210, 23.8015, 66.0197** is the 20% darker color. If you saturate the color by 10%, you get **92.6020, 24.3532, 75.7710**, and if you desaturate by 10%, it is **114.8740, 18.3031, 56.2385**.

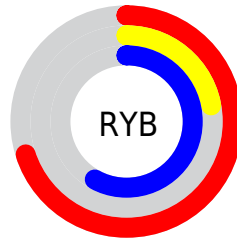
Distribution



Red (70%)

Green (22%)

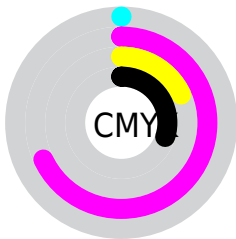
Blue (58%)



Red (70%)

Yellow (22%)

Blue (58%)

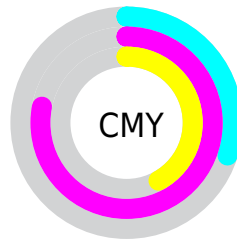


Cyan (0%)

Magenta (68%)

Yellow (18%)

Black (30%)



Cyan (30%)


Magenta (78%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.7380, 21.3282, 66.0048 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 103.7380, 21.3282, 66.0048 by changing the saturation by 10% instead.


 103.7380, 21.3282,
66.0048


 103.7380, 21.3282,
66.0048


255.0000, 0.0000,
0.0000


 73.0310, 23.6487,
68.3788


 160.4070, 20.0123,
68.0491


 47.7210, 23.8015,
66.0197

 185.1180, 21.6338,
61.2865

 36.6130, 17.4458,
51.2054

 204.5180, 24.8876,
44.2727

 26.2170, 11.2320,
37.5207

 221.5410, 16.4953,
29.3435

 16.0490, 5.8918,
23.6360

 238.5640, 8.1029,
14.4144

 0.0000, 0.0000,
0.0000

103.7380, 21.3282,
66.0048

103.7380, 21.3282,
66.0048

92.6020, 24.3532,
75.7710

114.8740, 18.3031,
56.2385

81.5800, 27.8151,
85.4373

125.8960, 14.8413,
46.5722

70.4440, 30.8401,
95.2036

137.0320, 11.8162,
36.8059

68.5690, 31.2715,
96.8480

148.1680, 8.7912,
27.0397

159.1900, 5.3293,
17.3734

169.7390, 2.5937,
8.1219

180.8750, -0.4314,
-1.6444

192.0110, -3.4564,

-11.4106

■ 203.0330, -6.9183,
-21.0769

Harmonies

Analogous

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



108.6310, 40.1149, 13.4786



103.7380, 21.3282, 66.0048



95.8600, -0.4240, 89.5768

Triad

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



103.7380, 21.3282, 66.0048



98.6670, -48.6428, 15.2010



95.2170, 37.3610, -83.5053

Complementary

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



103.7380, 21.3282, 66.0048



132.2620, -21.3282, -66.0048

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.



89.9900, 14.7949, -78.9212



103.7380, 21.3282, 66.0048



88.3690, -43.5659, -26.6336

Square

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



103.7380, 21.3282, 66.0048



100.0830, -49.3409, 52.5472



81.9590, -8.3608, -71.8780



95.4570, 53.5117, -83.7158

Rectangle

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



103.7380, 21.3282, 66.0048



97.5440, -18.0162, 85.4689



81.9590, -8.3608, -71.8780



93.9800, 30.0829, -82.4205

Sweetspot

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



103.7380, 21.3282, 66.0048



203.6300, 8.0704, 24.8805



80.1770, 48.7197, 6.8608



99.7660, 5.0454, 15.1142



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



103.7380, 21.3282, 66.0048



114.7700, 33.1444, 102.8107



97.0120, -4.4429, 71.9035



83.4890, 1.7309, 4.8331



58.6290, 26.8049, 82.7634



9.9400, 4.4666, 14.0846

Inverse Universe

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



103.7380, 21.3282, 66.0048



114.7700, 33.1444, 102.8107



139.1020, 4.8797, -72.0035



83.4890, 1.7309, 4.8331



58.6290, 26.8049, 82.7634



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 103.7380, 21.3282, 66.0048 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 103.7380, 21.3282, 66.0048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

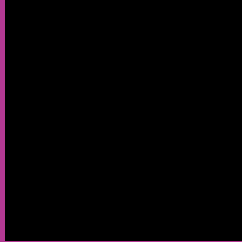
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.7380, 21.3282, 66.0048

Background



This preview shows how black text looks on a background with the YUV color 103.7380, 21.3282, 66.0048.



This preview shows how white text looks on a background with the YUV color 103.7380, 21.3282, 66.0048.

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

103.7380, 21.3282, 66.0048

Protanopia

104.3670, 40.2451, -28.3859

Deuteranopia

108.3810, 15.5882, -6.4731



Tritanopia

105.5730, -12.1145, 59.1335

Trichromacy



Original Color

103.7380, 21.3282, 66.0048



Protanomaly

104.4530, 33.3007, 5.7417



Deuteranomaly

106.5290, 17.9802, 19.7071



Tritanomaly

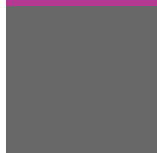
104.7980, 0.0996, 61.5672

Monochromacy



Original Color

103.7380, 21.3282, 66.0048



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

103.9180, 7.9284, 23.7509

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7380, 21.3282, 66.0048 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(179, 57, 147)` looks like.

```
.text, #text, p{  
  color:rgb(179, 57, 147)  
}
```

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(179, 57, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 57, 147) }
```

Border

The CSS property to change the border of an element to YUV 103.7380, 21.3282, 66.0048 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(179, 57, 147) }
```


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

```
.border{ border-color:rgb(179, 57, 147) }
```

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

Here you see how a box with a 4 pixel rgb(179, 57, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 57, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 57, 147);  
box-shadow:4px 4px 4px 4px rgb(179, 57,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 103.7380, 21.3282, 66.0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 57, 147) }
```

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

```
.background{ background-color: rgb(179, 57,  
147) }
```

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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