

Converting Colors

YUV(103.4390, 21.4756,
65.3900)

Have a look what the booklet for
YUV(103.4390, 21.4756, 65.3900)
contains.

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Color

**YUV(103.4390, 21.4756,
65.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	B23993
RGB	178, 57, 147
RGB Percent	70%, 22%, 58%
CMY	0.3020, 0.7765, 0.4235
CMYK	0.00, 0.68, 0.17, 0.30
HSL	315°, 51%, 46%
HSV	315°, 68%, 70%
XYZ	25.0897, 14.4978, 29.0797
YIQ	103.4390, 43.2260, 53.6420

Conversions

Conversions Part 2

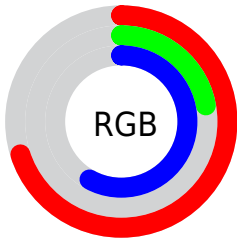
Format	Color
R_{YB}	178, 57, 147
Decimal	11680147
CIE _{Lab}	44.94, 58.08, -23.73
CIE _{LCh}	45, 62.737, 337.774
Yxy	14.4978, 0.3654, 0.2111
Android (android.graphics.Color)	4289870227 (0xFFB23993)
YUV	103.4390, 21.4756, 65.3900
Hunter-Lab	38.0760, 50.9873, -18.6283

Details

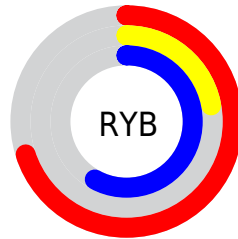
The YUV color **103.4390, 21.4756, 65.3900** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **131.5610, -21.4756, -65.3900**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1080, 20.1598, 67.4343**, and **47.4220, 23.9490, 65.4049** is the 20% darker color. If you saturate the color by 10%, you get **92.3030, 24.5006, 75.1563**, and if you desaturate by 10%, it is **114.5750, 18.4505, 55.6237**.

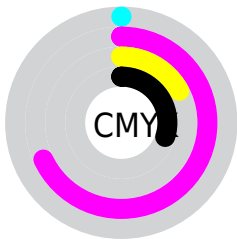
Distribution



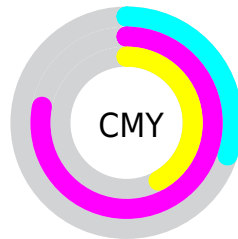
- Red (70%)
- Green (22%)
- Blue (58%)



- Red (70%)
- Yellow (22%)
- Blue (58%)



- Cyan (0%)
- Magenta (68%)
- Yellow (17%)
- Black (30%)



- Cyan (30%)
- Magenta (78%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.4390, 21.4756, 65.3900 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 103.4390, 21.4756, 65.3900 by changing the saturation by 10% instead.

103.4390, 21.4756,
65.3900

103.4390, 21.4756,
65.3900

255.0000, 0.0000,
0.0000

72.7320, 23.7961,
67.7640

160.1080, 20.1598,
67.4343

47.4220, 23.9490,
65.4049

185.1180, 21.6338,
61.2865

36.3140, 17.5932,
50.5906

204.5180, 24.8876,
44.2727

25.9180, 11.3794,
36.9059

220.9540, 16.7847,
29.8583

15.7500, 6.0393,
23.0212

237.9770, 8.3923,
14.9292

0.0000, 0.0000,
0.0000

■ 103.4390, 21.4756,
65.3900

■ 103.4390, 21.4756,
65.3900

■ 92.3030, 24.5006,
75.1563

■ 114.5750, 18.4505,
55.6237

■ 81.2810, 27.9625,
84.8226

■ 125.5970, 14.9887,
45.9574

■ 70.7320, 30.6981,
94.0740

■ 136.1460, 12.2530,
36.7060

■ 68.2700, 31.4189,
96.2332

■ 147.1680, 8.7912,
27.0397

■ 158.3040, 5.7661,
17.2734

■ 169.3260, 2.3043,
7.6071

■ 180.4620, -0.7208,
-2.1592

■ 190.8970, -3.8932,

-11.3107

■ 202.0330, -6.9183,
-21.0769

Harmonies

Analogous

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



108.3320, 40.2623, 12.8638



103.4390, 21.4756, 65.3900



94.9740, 0.0128, 89.4768

Triad

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



103.4390, 21.4756, 65.3900



98.3790, -48.5008, 16.3306



94.5160, 37.2136, -82.8905

Complementary

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



103.4390, 21.4756, 65.3900



131.5610, -21.4756, -65.3900

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.



89.2890, 14.6475, -78.3065



103.4390, 21.4756, 65.3900



88.6680, -43.7133, -26.0188

Square

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



103.4390, 21.4756, 65.3900



99.7840, -49.1935, 51.9324



81.8450, -8.7976, -71.7781



94.8700, 53.8011, -83.2010

Rectangle

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



103.4390, 21.4756, 65.3900



96.6580, -17.5794, 85.3689



81.8450, -8.7976, -71.7781



93.2790, 29.9355, -81.8057

Sweetspot

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



103.4390, 21.4756, 65.3900



203.6300, 8.0704, 24.8805



79.7640, 48.4303, 6.3460



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.



103.4390, 21.4756, 65.3900



114.8840, 33.5812, 102.7107



96.5990, -4.7323, 71.3887



83.4890, 1.7309, 4.8331



58.7430, 27.2417, 82.6634



9.9400, 4.4666, 14.0846

Inverse Universe

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



103.4390, 21.4756, 65.3900



114.8840, 33.5812, 102.7107



138.4010, 4.7323, -71.3887



83.4890, 1.7309, 4.8331



58.7430, 27.2417, 82.6634



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 103.4390, 21.4756, 65.3900 looks on a white background.

Color Contrast Check

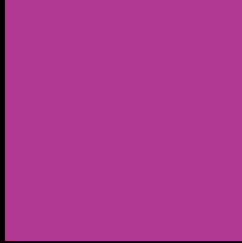
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.4390, 21.4756, 65.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

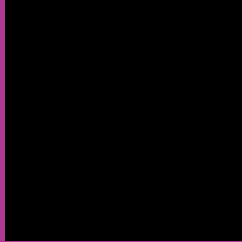
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.4390, 21.4756, 65.3900

Background



This preview shows how black text looks on a background with the YUV color 103.4390, 21.4756, 65.3900.



This preview shows how white text looks on a background with the YUV color 103.4390, 21.4756, 65.3900.

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

103.4390, 21.4756, 65.3900

Protanopia

103.4810, 40.6819, -28.4858

Deuteranopia

107.4950, 16.0250, -6.5731



Tritanopia

105.2740, -11.9671, 58.5187

Trichromacy



Original Color

103.4390, 21.4756, 65.3900

Protanomaly

103.5670, 33.7375, 5.6417

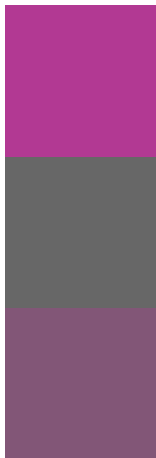
Deuteranomaly

106.2300, 18.1276, 19.0923

Tritanomaly

104.4990, 0.2470, 60.9524

Monochromacy



Original Color

103.4390, 21.4756, 65.3900

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9180, 7.9284, 23.7509

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4390, 21.4756, 65.3900 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(178, 57, 147)` looks like.

```
.text, #text, p{  
  color:rgb(178, 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(178, 57, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 57, 147) }
```

Border

The CSS property to change the border of an element to YUV 103.4390, 21.4756, 65.3900 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(178, 57, 147) }
```


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

```
.border{ border-color:rgb(178, 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(178, 57, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 57, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 57, 147);  
box-shadow:4px 4px 4px 4px rgb(178, 57,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 103.4390, 21.4756, 65.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 57, 147) }
```

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

```
.background{ background-color: rgb(178, 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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