

Converting Colors

YUV(110.9550, 25.6582,
77.2155)

Have a look what the booklet for
YUV(110.9550, 25.6582, 77.2155)
contains.

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Color

**YUV(110.9550, 25.6582,
77.2155)**

Conversions

Conversions Part 1

Format	Color
Hex	C738A3
RGB	199, 56, 163
RGB Percent	78%, 22%, 64%
CMY	0.2196, 0.7804, 0.3608
CMYK	0.00, 0.72, 0.18, 0.22
HSL	315°, 56%, 50%
HSV	315°, 72%, 78%
XYZ	31.5782, 17.6148, 36.3860
YIQ	110.9550, 50.8810, 63.5930

Conversions

Conversions Part 2

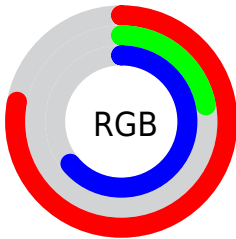
Format	Color
R_{YB}	199, 56, 163
Decimal	13056163
CIE _{Lab}	49.03, 66.02, -26.68
CIE _{LCh}	49, 71.204, 337.998
Yxy	17.6148, 0.3690, 0.2058
Android (android.graphics.Color)	4291246243 (0xFFC738A3)
YUV	110.9550, 25.6582, 77.2155
Hunter-Lab	41.9700, 60.8559, -22.0226

Details

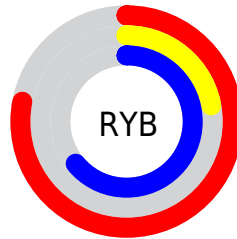
The YUV color **110.9550, 25.6582, 77.2155** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **144.0450, -25.6582, -77.2155**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6020, 24.3532, 75.7710**, and **54.8130, 27.7002, 75.5860** is the 20% darker color. If you saturate the color by 10%, you get **98.6450, 29.2620, 88.0113**, and if you desaturate by 10%, it is **123.2650, 22.0544, 66.4196**.

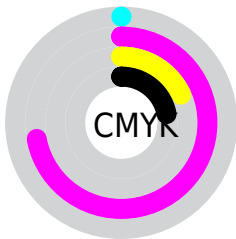
Distribution



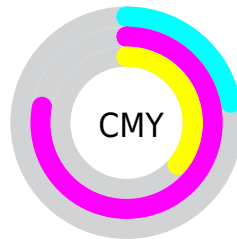
- Red (78%)
- Green (22%)
- Blue (64%)



- Red (78%)
- Yellow (22%)
- Blue (64%)



- Cyan (0%)
- Magenta (72%)
- Yellow (18%)
- Black (22%)





- Cyan (22%)
- Magenta (78%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.9550, 25.6582, 77.2155 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 110.9550, 25.6582, 77.2155 by changing the saturation by 10% instead.


 110.9550, 25.6582,
77.2155


 110.9550, 25.6582,
77.2155


255.0000, 0.0000,
0.0000


 75.8400, 30.1519,
82.5783


 168.6020, 24.3532,
75.7710


 54.8130, 27.7002,
75.5860


 188.9310, 28.6280,
57.9425


 43.5910, 20.9076,
60.8717


 206.2790, 24.0195,
42.7283

 32.5970, 14.9887,
45.9574

 223.3020, 15.6271,
27.7991

 22.6140, 9.0643,
32.7875

 240.9120, 6.9454,
12.3552

 10.7230, 3.5876,
16.0289

 0.0000, 0.0000,

0.0000

■ 110.9550, 25.6582,
77.2155

■ 110.9550, 25.6582,
77.2155

■ 98.6450, 29.2620,
88.0113

■ 123.2650, 22.0544,
66.4196

■ 86.3350, 32.8658,
98.8072

■ 135.5750, 18.4505,
55.6237

■ 76.4870, 35.7489,
107.4439

■ 147.8850, 14.8467,
44.8279

■ 160.1950, 11.2429,
34.0320

■ 172.5050, 7.6390,
23.2361

■ 184.2280, 4.3246,
12.9550

■ 196.5380, 0.7208,
2.1592

■ 208.8480, -2.8831,
-8.6367

■ 221.1580, -6.4869,
-19.4326

Harmonies

Analogous

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



118.9500, 46.3666, 14.9528



110.9550, 25.6582, 77.2155



99.5400, 1.7058, 106.5204

Triad

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



110.9550, 25.6582, 77.2155



107.8260, -53.1582, 16.8156



105.0140, 41.8981, -92.0973

Complementary

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



110.9550, 25.6582, 77.2155



144.0450, -25.6582, -77.2155

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.



98.9890, 16.2744, -86.8134



110.9550, 25.6582, 77.2155



95.7120, -47.1860, -32.1964

Square

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



110.9550, 25.6582, 77.2155



108.9760, -53.7252, 58.7800



89.9320, -10.8125, -78.8704



105.3510, 60.9590, -92.3928

Rectangle

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



110.9550, 25.6582, 77.2155



103.2900, -19.3700, 99.7237



89.9320, -10.8125, -78.8704



102.9620, 34.0357, -90.2977

Sweetspot

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



110.9550, 25.6582, 77.2155



220.5320, 10.0907, 30.2284



83.0660, 57.1555, 7.8351



107.0160, 5.9081, 18.4030



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



110.9550, 25.6582, 77.2155



120.1770, 39.3527, 118.2398



102.8610, -5.3545, 84.3139



93.4890, 1.7309, 4.8331



62.6450, 29.2620, 88.0113



13.8420, 6.4869, 19.4326

Inverse Universe

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



110.9550, 25.6582, 77.2155



120.1770, 39.3527, 118.2398



152.1390, 5.3545, -84.3139



93.4890, 1.7309, 4.8331



62.6450, 29.2620, 88.0113



13.8420, 6.4869, 19.4326

Previews

White Background



This preview shows how the YUV color 110.9550, 25.6582, 77.2155 looks on a white background.

Color Contrast Check

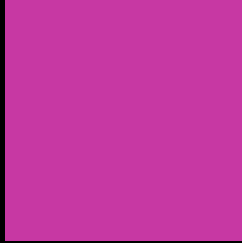
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.9550, 25.6582, 77.2155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

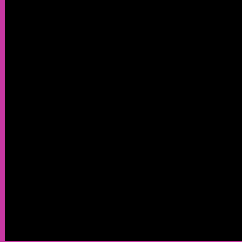
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.9550, 25.6582, 77.2155

Background



This preview shows how black text looks on a background with the YUV color 110.9550, 25.6582, 77.2155.



This preview shows how white text looks on a background with the YUV color 110.9550, 25.6582,

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

110.9550, 25.6582, 77.2155

Protanopia

112.0870, 48.2711, -36.0333

Deuteranopia

117.4670, 18.5038, -8.3026



Tritanopia

114.0580, -14.3256, 68.3551

Trichromacy



Original Color

110.9550, 25.6582, 77.2155



Protanomaly

111.8750, 39.9946, 5.3716



Deuteranomaly

115.3490, 21.0269, 22.4959



Tritanomaly

112.8640, 0.0670, 72.0333

Monochromacy



Original Color

110.9550, 25.6582, 77.2155



Achromatopsia

111.0000, 0.0000, 0.0000



Achromatomaly

110.9940, 9.3700, 28.0693

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.9550, 25.6582, 77.2155 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(199, 56, 163)` looks like.

```
.text, #text, p{  
    color:rgb(199, 56, 163)  
}
```

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(199, 56, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 56, 163) }
```

Border

The CSS property to change the border of an element to YUV 110.9550, 25.6582, 77.2155 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(199, 56, 163) }
```


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

```
.border{ border-color:rgb(199, 56, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 56, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 56, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 56, 163);  
box-shadow:4px 4px 4px 4px rgb(199, 56,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 110.9550, 25.6582, 77.2155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 56, 163) }
```

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

```
.background{ background-color: rgb(199, 56,  
163) }
```

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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