

Converting Colors

YUV(97.1610, 9.7806, 83.1738)

Have a look what the booklet for
YUV(97.1610, 9.7806, 83.1738)
contains.

YUV(97.1610, 9.7806, 83.1738)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(97.1610, 9.7806,
83.1738)**

Conversions

Conversions Part 1

Format	Color
Hex	C02D75
RGB	192, 45, 117
RGB Percent	75%, 18%, 46%
CMY	0.2471, 0.8235, 0.5412
CMYK	0.00, 0.77, 0.39, 0.25
HSL	331°, 62%, 46%
HSV	331°, 77%, 75%
XYZ	25.8875, 14.3676, 18.2384
YIQ	97.1610, 64.5000, 53.5560

Conversions

Conversions Part 2

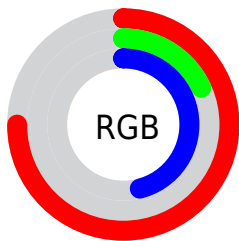
Format	Color
R_{YB}	192, 45, 117
Decimal	12594549
CIE _{Lab}	44.76, 62.23, -5.50
CIE _{LCh}	45, 62.471, 354.951
Yxy	14.3676, 0.4426, 0.2456
Android (android.graphics.Color)	4290784629 (0xFFC02D75)
YUV	97.1610, 9.7806, 83.1738
Hunter-Lab	37.9046, 55.5761, -1.9951

Details

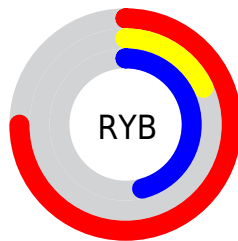
The YUV color **97.1610, 9.7806, 83.1738** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **139.8390, -9.7806, -83.1738**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2490, 6.2862, 83.9736**, and **47.6330, 10.5339, 74.8669** is the 20% darker color. If you saturate the color by 10%, you get **84.8680, 10.9111, 93.9548**, and if you desaturate by 10%, it is **109.4540, 8.6502, 72.3928**.

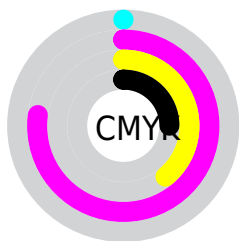
Distribution



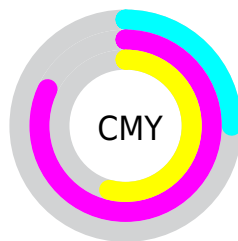
- Red (75%)
- Green (18%)
- Blue (46%)



- Red (75%)
- Yellow (18%)
- Blue (46%)



- Cyan (0%)
- Magenta (77%)
- Yellow (39%)
- Black (25%)



- Cyan (25%)
- Magenta (82%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.1610, 9.7806, 83.1738 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 97.1610, 9.7806, 83.1738 by changing the saturation by 10% instead.

97.1610, 9.7806,
83.1738

97.1610, 9.7806,
83.1738

255.0000, 0.0000,
0.0000

58.9260, 16.3055,
90.3959

156.2490, 6.2862,
83.9736

47.6330, 10.5339,
74.8669

176.6600, 9.5346,
68.7042

36.7530, 5.0518,
59.8526

196.8750, 13.3726,
50.9756

25.6880, 0.1538,
44.1236

216.6170, 17.9368,
33.6619

15.1780, -6.4968,
30.5389

234.4550, 10.1287,
18.0180

0.0000, 0.0000,
0.0000

251.4780, 1.7363,

3.0888

■ 97.1610, 9.7806,
83.1738

■ 97.1610, 9.7806,
83.1738

■ 84.8680, 10.9111,
93.9548

■ 109.4540, 8.6502,
72.3928

■ 72.5750, 12.0415,
104.7357

■ 121.7470, 7.5197,
61.6119

■ 68.1240, 12.7569,
108.6393

■ 134.5130, 5.6631,
50.4161

■ 146.8060, 4.5326,
39.6351

■ 159.0990, 3.4022,
28.8542

■ 171.3920, 2.2717,
18.0732

■ 183.6850, 1.1413,
7.2923

■ 196.4510, -0.7153,
-3.9035

■ 208.7440, -1.8458,
-14.6845

Harmonies

Analogous

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



106.9680, 29.1028, 45.6321



97.1610, 9.7806, 83.1738



96.3530, -14.9640, 86.5134

Triad

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



97.1610, 9.7806, 83.1738



93.8060, -46.2464, -6.8459



95.1490, 47.2545, -83.4457

Complementary

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



97.1610, 9.7806, 83.1738



139.8390, -9.7806, -83.1738

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.



92.7090, 27.7515, -81.3058



97.1610, 9.7806, 83.1738



77.3480, -18.4126, -67.8342

Square

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



97.1610, 9.7806, 83.1738



99.9510, -49.2758, 31.6150



85.9660, 4.4538, -75.3922



91.4450, 58.4476, -80.1973

Rectangle

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



97.1610, 9.7806, 83.1738



98.9820, -32.5291, 73.6838



85.9660, 4.4538, -75.3922



94.9550, 41.4342, -83.2755

Sweetspot

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



97.1610, 9.7806, 83.1738



212.6480, 4.1175, 32.7577



83.8840, 53.3012, 30.7967



102.4030, 2.2663, 19.8176



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.



97.1610, 9.7806, 83.1738



101.6520, 15.4546, 130.1012



88.9530, -21.6688, 90.3722



90.5600, 0.7099, 5.6479



57.1450, 10.7745, 91.0808



11.6910, 2.1243, 18.6880

Inverse Universe

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



97.1610, 9.7806, 83.1738



101.6520, 15.4546, 130.1012



148.0470, 21.6688, -90.3722



90.5600, 0.7099, 5.6479



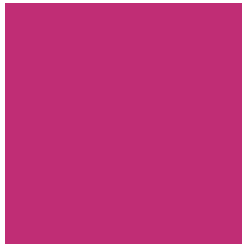
57.1450, 10.7745, 91.0808



11.6910, 2.1243, 18.6880

Previews

White Background



This preview shows how the YUV color 97.1610, 9.7806, 83.1738 looks on a white background.

Color Contrast Check

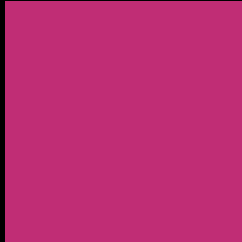
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.1610, 9.7806, 83.1738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

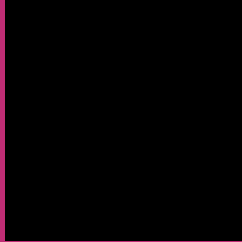
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.1610, 9.7806, 83.1738

Background



This preview shows how black text looks on a background with the YUV color 97.1610, 9.7806, 83.1738.



This preview shows how white text looks on a background with the YUV color 97.1610, 9.7806,

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

97.1610, 9.7806, 83.1738

Protanopia

106.3290, 24.4878, -14.3205

Deuteranopia

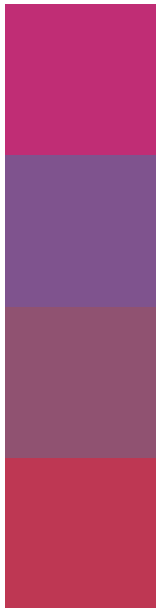
107.6850, 1.1413, 7.2923



Tritanopia

99.0270, -17.2683, 78.9063

Trichromacy



Original Color

97.1610, 9.7806, 83.1738

Protanomaly

102.8820, 19.2852, 21.1515

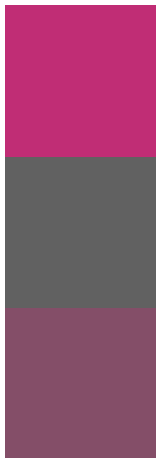
Deuteranomaly

104.0720, 4.4015, 35.0169

Tritanomaly

98.5570, -7.6696, 80.1955

Monochromacy



Original Color

97.1610, 9.7806, 83.1738

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1100, 3.3968, 30.5985

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.1610, 9.7806, 83.1738 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(192, 45, 117)` looks like.

```
.text, #text, p{  
    color:rgb(192, 45, 117)  
}
```

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(192, 45, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 45, 117) }
```

Border

The CSS property to change the border of an element to YUV 97.1610, 9.7806, 83.1738 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(192, 45, 117) }
```


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

```
.border{ border-color:rgb(192, 45, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 45, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 45, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 45, 117);  
box-shadow:4px 4px 4px 4px rgb(192, 45,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 97.1610, 9.7806, 83.1738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 45, 117) }
```

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

```
.background{ background-color: rgb(192, 45,  
117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor