

Converting Colors

YUV(113.9070, 4.9758, 84.2736)

Have a look what the booklet for
YUV(113.9070, 4.9758, 84.2736)
contains.

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Color

**YUV(113.9070, 4.9758,
84.2736)**

Conversions

Conversions Part 1

Format	Color
Hex	D23F7C
RGB	210, 63, 124
RGB Percent	82%, 25%, 49%
CMY	0.1765, 0.7529, 0.5137
CMYK	0.00, 0.70, 0.41, 0.18
HSL	335°, 62%, 54%
HSV	335°, 70%, 82%
XYZ	31.9939, 18.7119, 20.9943
YIQ	113.9070, 68.0310, 50.1350

Conversions

Conversions Part 2

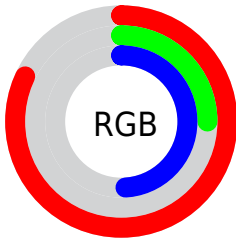
Format	Color
R_{YB}	210, 63, 124
Decimal	13778812
CIE _{Lab}	50.35, 61.83, -1.15
CIE _{LCh}	50, 61.840, 358.935
Yxy	18.7119, 0.4462, 0.2610
Android (android.graphics.Color)	4291968892 (0xFFD23F7C)
YUV	113.9070, 4.9758, 84.2736
Hunter-Lab	43.2572, 56.3221, 1.5045

Details

The YUV color **113.9070, 4.9758, 84.2736** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **159.0930, -4.9758, -84.2736**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3360, 4.2714, 76.8813**, and **53.4000, 10.6488, 84.7182** is the 20% darker color. If you saturate the color by 10%, you get **100.2120, 5.8115, 96.2841**, and if you desaturate by 10%, it is **127.6020, 4.1402, 72.2630**.

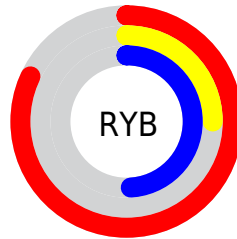
Distribution



Red (82%)

Green (25%)

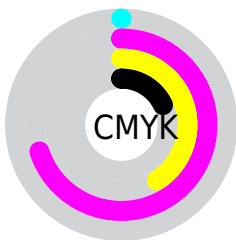
Blue (49%)



Red (82%)

Yellow (25%)

Blue (49%)

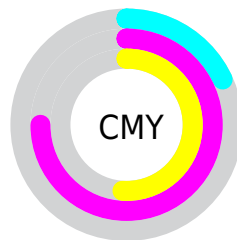


Cyan (0%)

Magenta (70%)

Yellow (41%)

Black (18%)



Cyan (18%)

Magenta (75%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.9070, 4.9758, 84.2736 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 113.9070, 4.9758, 84.2736 by changing the saturation by 10% instead.


 113.9070, 4.9758,
84.2736

 113.9070, 4.9758,
84.2736


255.0000, 0.0000,
0.0000


 81.5420, 8.6068,
86.3477


 167.3360, 4.2714,
76.8813


 53.4000, 10.6488,
84.7182


 186.9640, 8.3987,
59.6676

 42.2210, 5.3140,
69.0892


 207.1790, 12.2368,
41.9390

 31.1560, 0.4161,
53.3602

 226.8240, 13.8908,
24.7104

 20.8310, -6.8187,
40.4902

 243.8470, 5.4984,
9.7812

 10.2800, -4.5750,
20.8024

 0.0000, 0.0000,

0.0000

■ 113.9070, 4.9758,
84.2736

■ 113.9070, 4.9758,
84.2736

■ 100.2120, 5.8115,
96.2841

■ 127.6020, 4.1402,
72.2630

■ 86.4030, 6.2103,
108.3946

■ 141.4110, 3.7414,
60.1526

■ 72.7080, 7.0460,
120.4051

■ 155.1060, 2.9057,
48.1420

■ 168.8010, 2.0701,
36.1315

■ 182.4960, 1.2345,
24.1210

■ 196.3050, 0.8356,
12.0105

■ 210.0000, 0.0000,
0.0000

■ 223.6950, -0.8356,
-12.0105

■ 237.5040, -1.2345,
-24.1210

Harmonies

Analogous

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



121.6160, 26.3183, 52.0798



113.9070, 4.9758, 84.2736



112.9630, -20.1948, 84.2244

Triad

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



113.9070, 4.9758, 84.2736



105.1170, -51.3297, -9.7496



105.5330, 51.5022, -92.5524

Complementary

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



113.9070, 4.9758, 84.2736



159.0930, -4.9758, -84.2736

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.



103.3210, 32.8727, -90.6125



113.9070, 4.9758, 84.2736



89.2480, -13.4333, -78.2705

Square

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



113.9070, 4.9758, 84.2736



112.3330, -55.3802, 29.5260



97.1650, 9.2857, -85.2137



100.3130, 61.9637, -87.9745

Rectangle

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



113.9070, 4.9758, 84.2736



114.2330, -36.5969, 71.7097



97.1650, 9.2857, -85.2137



105.4530, 46.1187, -92.4823

Sweetspot

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



113.9070, 4.9758, 84.2736



219.7680, 2.0864, 30.8985



105.4720, 51.5323, 38.1741



107.0500, 0.9614, 18.3732



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.



113.9070, 4.9758, 84.2736



115.1320, 7.3299, 122.6642



113.9970, -25.1415, 84.1946



97.7450, 0.1257, 6.3626



58.2120, 5.8115, 96.2841



14.1970, 1.3819, 23.5062

Inverse Universe

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



113.9070, 4.9758, 84.2736



115.1320, 7.3299, 122.6642



159.0030, 25.1415, -84.1946



97.7450, 0.1257, 6.3626



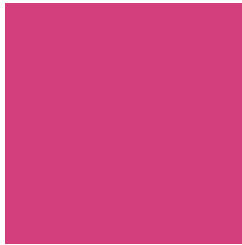
58.2120, 5.8115, 96.2841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 113.9070, 4.9758, 84.2736 looks on a white 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

Black Background



This preview shows how the YUV color 113.9070, 4.9758, 84.2736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

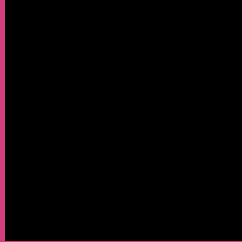
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.9070, 4.9758, 84.2736

Background



This preview shows how black text looks on a background with the YUV color 113.9070, 4.9758, 84.2736.



This preview shows how white text looks on a background with the YUV color 113.9070, 4.9758,

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

113.9070, 4.9758, 84.2736

Protanopia

120.8690, 18.7986, -9.5321

Deuteranopia

121.1970, -2.0691, 10.3512



Tritanopia

114.2230, -17.8579, 81.3654

Trichromacy



Original Color

113.9070, 4.9758, 84.2736

Protanomaly

118.4110, 13.6014, 24.1956

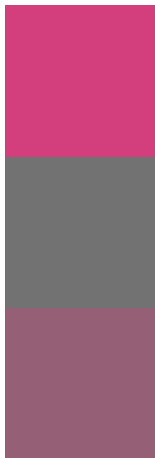
Deuteranomaly

118.7580, 0.6123, 37.0462

Tritanomaly

114.1120, -9.4222, 82.3398

Monochromacy



Original Color

113.9070, 4.9758, 84.2736

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7680, 2.0864, 30.8985

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9070, 4.9758, 84.2736 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(210, 63, 124)` looks like.

```
.text, #text, p{  
    color:rgb(210, 63, 124)  
}
```

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(210, 63, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 63, 124) }
```

Border

The CSS property to change the border of an element to YUV 113.9070, 4.9758, 84.2736 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(210, 63, 124) }
```


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

```
.border{ border-color:rgb(210, 63, 124) }
```

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

Here you see how a box with a 4 pixel rgb(210, 63, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 63, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 63, 124);  
box-shadow:4px 4px 4px 4px rgb(210, 63,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 113.9070, 4.9758, 84.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 63, 124) }
```

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

```
.background{ background-color: rgb(210, 63,  
124) }
```

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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