

Converting Colors

YUV(123.6110, 13.9958,
84.5332)

Have a look what the booklet for
YUV(123.6110, 13.9958, 84.5332)
contains.

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Color

**YUV(123.6110, 13.9958,
84.5332)**

Conversions

Conversions Part 1

Format	Color
Hex	DC4598
RGB	220, 69, 152
RGB Percent	86%, 27%, 60%
CMY	0.1373, 0.7294, 0.4039
CMYK	0.00, 0.69, 0.31, 0.14
HSL	327°, 68%, 57%
HSV	327°, 69%, 86%
XYZ	37.3108, 21.7389, 31.9353
YIQ	123.6110, 63.3530, 57.8250

Conversions

Conversions Part 2

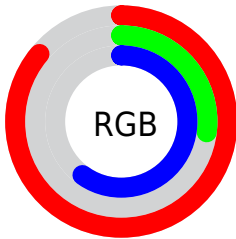
Format	Color
R_{YB}	220, 69, 152
Decimal	14435736
CIE _{Lab}	53.75, 65.46, -12.63
CIE _{LCh}	54, 66.667, 349.083
Yxy	21.7389, 0.4101, 0.2389
Android (android.graphics.Color)	4292625816 (0xFFDC4598)
YUV	123.6110, 13.9958, 84.5332
Hunter-Lab	46.6250, 61.2478, -7.9726

Details

The YUV color **123.6110, 13.9958, 84.5332** 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 **165.3890, -13.9958, -84.5332**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2780, 15.6389, 70.7932**, and **59.6530, 20.3841, 88.8813** is the 20% darker color. If you saturate the color by 10%, you get **109.5570, 15.9944, 96.8585**, and if you desaturate by 10%, it is **137.6650, 11.9972, 72.2078**.

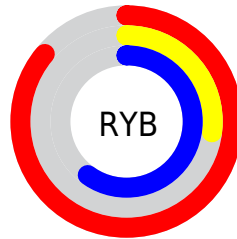
Distribution



Red (86%)

Green (27%)

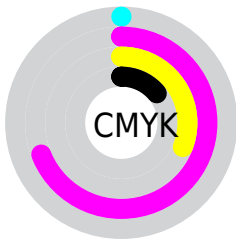
Blue (60%)



Red (86%)

Yellow (27%)

Blue (60%)

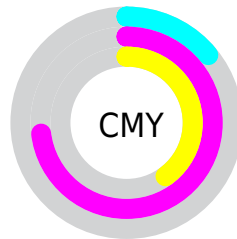


Cyan (0%)

Magenta (69%)

Yellow (31%)

Black (14%)



Cyan (14%)


Magenta (73%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.6110, 13.9958, 84.5332 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 123.6110, 13.9958, 84.5332 by changing the saturation by 10% instead.


 123.6110, 13.9958,
84.5332


 123.6110, 13.9958,
84.5332


255.0000, 0.0000,
0.0000


 91.7190, 16.9005,
86.1924


 174.2780, 15.6389,
70.7932


 59.6530, 20.3841,
88.8813


 194.6070, 19.9137,
52.9647

 48.2460, 14.1757,
73.4523


 213.9100, 20.2574,
36.0359

 36.9530, 8.4042,
57.9232

 230.9330, 11.8650,
21.1068

 26.1870, 3.3588,
42.8090

 248.5430, 3.1833,
5.6628

 15.0360, -4.4547,
28.9094

 0.0000, 0.0000,

0.0000

■ 123.6110, 13.9958,
84.5332

■ 123.6110, 13.9958,
84.5332

■ 109.5570, 15.9944,
96.8585

■ 137.6650, 11.9972,
72.2078

■ 95.5030, 17.9930,
109.1839

■ 151.7190, 9.9985,
59.8824

■ 81.4490, 19.9916,
121.5092

■ 165.7730, 7.9999,
47.5571

■ 79.5740, 20.4230,
123.1536

■ 179.8270, 6.0013,
35.2317

■ 193.8810, 4.0027,
22.9064

■ 207.8210, 1.5672,
10.6810

■ 221.8750, -0.4314,
-1.6444

■ 235.9290, -2.4300,
-13.9697

■ 242.9390, -0.9559,
-20.1175

Harmonies

Analogous

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



131.7590, 36.1078, 38.7994



123.6110, 13.9958, 84.5332



119.8040, -12.2284, 95.7649

Triad

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



123.6110, 13.9958, 84.5332



116.2990, -57.3354, 3.2458



113.1470, 50.2135, -99.2299

Complementary

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



123.6110, 13.9958, 84.5332



165.3890, -13.9958, -84.5332

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.



109.0940, 27.0687, -95.6754



123.6110, 13.9958, 84.5332



104.0800, -28.6334, -56.1982

Square

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



123.6110, 13.9958, 84.5332



120.6940, -59.5021, 44.9954



101.7810, 1.5870, -89.2619



110.3550, 64.9010, -96.7813

Rectangle

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



123.6110, 13.9958, 84.5332



121.5150, -30.8199, 85.4943



101.7810, 1.5870, -89.2619



112.6110, 43.0828, -98.7598

Sweetspot

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



123.6110, 13.9958, 84.5332



220.5660, 5.1440, 30.1986



106.5460, 55.9328, 26.7082



107.5060, 2.7085, 17.9732



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.



123.6110, 13.9958, 84.5332



121.6010, 19.4237, 116.9909



115.0610, -18.7641, 92.0315



102.9730, 0.9993, 6.1627



62.5570, 15.9944, 96.8585



16.6040, 4.1392, 25.7803

Inverse Universe

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



123.6110, 13.9958, 84.5332



121.6010, 19.4237, 116.9909



173.9390, 18.7641, -92.0315



102.9730, 0.9993, 6.1627



62.5570, 15.9944, 96.8585



16.6040, 4.1392, 25.7803

Previews

White Background



This preview shows how the YUV color 123.6110, 13.9958, 84.5332 looks on a white background.

Color Contrast Check

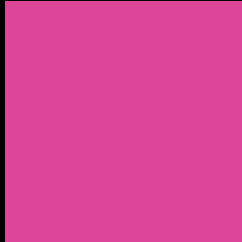
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.6110, 13.9958, 84.5332 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 123.6110, 13.9958, 84.5332

Background



This preview shows how black text looks on a background with the YUV color 123.6110, 13.9958, 84.5332.



This preview shows how white text looks on a background with the YUV color 123.6110, 13.9958,

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

123.6110, 13.9958, 84.5332

Protanopia

128.2450, 31.9242, -19.5089

Deuteranopia

130.4440, 6.6831, 3.1186



Tritanopia

124.4400, -16.9789, 79.4211

Trichromacy



Original Color

123.6110, 13.9958, 84.5332



Protanomaly

126.4670, 25.4058, 18.0074



Deuteranomaly

127.7280, 9.5011, 32.6875



Tritanomaly

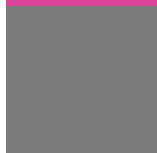
124.1380, -5.4910, 81.4400

Monochromacy



Original Color

123.6110, 13.9958, 84.5332



Achromatopsia

124.0000, 0.0000, 0.0000



Achromatomaly

123.8650, 4.9966, 30.8134

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6110, 13.9958, 84.5332 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(220, 69, 152)` looks like.

```
.text, #text, p{  
    color:rgb(220, 69, 152)  
}
```

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(220, 69, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 69, 152) }
```

Border

The CSS property to change the border of an element to YUV 123.6110, 13.9958, 84.5332 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(220, 69, 152) }
```


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

```
.border{ border-color:rgb(220, 69, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 69, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 69, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 69, 152);  
box-shadow:4px 4px 4px 4px rgb(220, 69,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 123.6110, 13.9958, 84.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 69, 152) }
```

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

```
.background{ background-color: rgb(220, 69,  
152) }
```

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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