

Converting Colors

YUV(123.5460, 12.5488,
81.9592)

Have a look what the booklet for
YUV(123.5460, 12.5488, 81.9592)
contains.

YUV(123.5460, 12.5488, 81.9592)	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(123.5460, 12.5488,
81.9592)**

Conversions

Conversions Part 1

Format	Color
Hex	D94795
RGB	217, 71, 149
RGB Percent	85%, 28%, 58%
CMY	0.1490, 0.7216, 0.4157
CMYK	0.00, 0.67, 0.31, 0.15
HSL	328°, 66%, 56%
HSV	328°, 67%, 85%
XYZ	36.2933, 21.4281, 30.6569
YIQ	123.5460, 61.9780, 55.2100

Conversions

Conversions Part 2

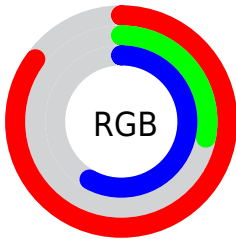
Format	Color
R_{YB}	217, 71, 149
Decimal	14239637
CIE _{Lab}	53.41, 63.54, -11.40
CIE _{LCh}	53, 64.556, 349.825
Yxy	21.4281, 0.4107, 0.2425
Android (android.graphics.Color)	4292429717 (0xFFD94795)
YUV	123.5460, 12.5488, 81.9592
Hunter-Lab	46.2905, 58.9416, -6.8628

Details

The YUV color **123.5460, 12.5488, 81.9592** 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 **164.4540, -12.5488, -81.9592**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1100, 13.7498, 70.0635**, and **58.4140, 19.5159, 87.3369** is the 20% darker color. If you saturate the color by 10%, you get **109.4920, 14.5474, 94.2845**, and if you desaturate by 10%, it is **137.6000, 10.5502, 69.6338**.

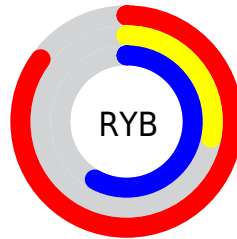
Distribution



Red (85%)

Green (28%)

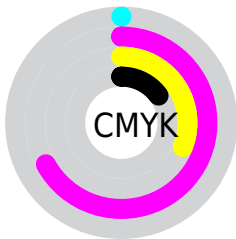
Blue (58%)



Red (85%)

Yellow (28%)

Blue (58%)

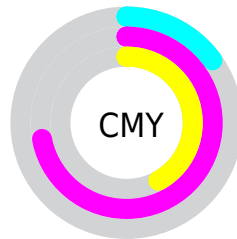


Cyan (0%)

Magenta (67%)

Yellow (31%)

Black (15%)



Cyan (15%)


Magenta (72%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.5460, 12.5488, 81.9592 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 123.5460, 12.5488, 81.9592 by changing the saturation by 10% instead.


 123.5460, 12.5488,
81.9592

 123.5460, 12.5488,
81.9592

255.0000, 0.0000,
0.0000


 92.2410, 15.1642,
83.1036

 175.1100, 13.7498,
70.0635


 58.4140, 19.5159,
87.3369


 194.7380, 17.8772,
52.8498


 47.0070, 13.3075,
71.9079


 214.4970, 19.9680,
35.5211

 35.8280, 7.9728,
56.2788

 231.5200, 11.5756,
20.5920

 25.3610, 2.7800,
41.7794

 249.1300, 2.8939,
5.1480

 13.9820, -5.9071,
28.0798

 0.0000, 0.0000,

0.0000

■ 123.5460, 12.5488,
81.9592

■ 123.5460, 12.5488,
81.9592

■ 109.4920, 14.5474,
94.2845

■ 137.6000, 10.5502,
69.6338

■ 96.0250, 16.2567,
106.0951

■ 151.0670, 8.8410,
57.8232

■ 81.9710, 18.2553,
118.4204

■ 165.1210, 6.8423,
45.4979

■ 78.1070, 18.6812,
121.8092

■ 179.1750, 4.8437,
33.1725

■ 193.3430, 3.2819,
20.7472

■ 206.8100, 1.5727,
8.9366

■ 220.8640, -0.4260,
-3.3887

■ 234.9180, -2.4246,
-15.7141

■ 241.9280, -0.9505,
-21.8619

Harmonies

Analogous

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



130.8900, 34.0712, 38.6845



123.5460, 12.5488, 81.9592



119.5540, -13.0911, 92.4761

Triad

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



123.5460, 12.5488, 81.9592



115.1140, -56.7512, 2.5310



112.2180, 49.1925, -98.4152

Complementary

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



123.5460, 12.5488, 81.9592



164.4540, -12.5488, -81.9592

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.



108.5070, 27.3580, -95.1606



123.5460, 12.5488, 81.9592



104.4330, -27.3285, -54.7537

Square

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



123.5460, 12.5488, 81.9592



119.7970, -59.0599, 43.1510



101.3080, 2.3132, -88.8471



109.3120, 63.4432, -95.8666

Rectangle

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



123.5460, 12.5488, 81.9592



121.7920, -30.9565, 82.6204



101.3080, 2.3132, -88.8471



111.2090, 42.7880, -97.5303

Sweetspot

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



123.5460, 12.5488, 81.9592



222.3270, 4.2758, 28.6542



107.3780, 54.0436, 25.9785



108.0930, 2.4192, 17.4584



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.



123.5460, 12.5488, 81.9592



122.5470, 17.9713, 116.1613



115.4520, -18.4638, 89.0576



102.9730, 0.9993, 6.1627



62.3290, 15.1208, 97.0585



16.6040, 4.1392, 25.7803

Inverse Universe

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



123.5460, 12.5488, 81.9592



122.5470, 17.9713, 116.1613



172.5480, 18.4638, -89.0576



102.9730, 0.9993, 6.1627



62.3290, 15.1208, 97.0585



16.6040, 4.1392, 25.7803

Previews

White Background



This preview shows how the YUV color 123.5460, 12.5488, 81.9592 looks on a white background.

Color Contrast Check

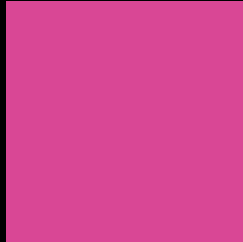
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.5460, 12.5488, 81.9592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

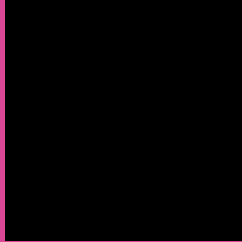
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.5460, 12.5488, 81.9592

Background



This preview shows how black text looks on a background with the YUV color 123.5460, 12.5488, 81.9592.



This preview shows how white text looks on a background with the YUV color 123.5460, 12.5488, 81.9592.

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

123.5460, 12.5488, 81.9592

Protanopia

127.5720, 29.2980, -17.1646

Deuteranopia

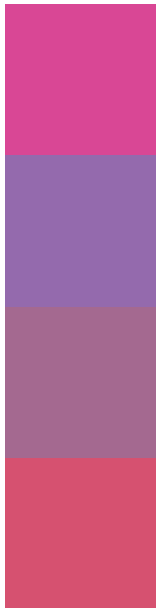
129.5150, 5.6621, 3.9333



Tritanopia

124.2440, -16.3893, 76.9620

Trichromacy



Original Color

123.5460, 12.5488, 81.9592

Protanomaly

126.1960, 23.0744, 19.1221

Deuteranomaly

127.0870, 8.3381, 32.3727

Tritanomaly

124.3010, -6.0644, 78.6660

Monochromacy



Original Color

123.5460, 12.5488, 81.9592

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0390, 4.4178, 29.7838

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5460, 12.5488, 81.9592 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(217, 71, 149)` looks like.

```
.text, #text, p{  
    color:rgb(217, 71, 149)  
}
```

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(217, 71, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 71, 149) }
```

Border

The CSS property to change the border of an element to YUV 123.5460, 12.5488, 81.9592 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(217, 71, 149) }
```


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

```
.border{ border-color:rgb(217, 71, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 71, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 71, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 71, 149);  
box-shadow:4px 4px 4px 4px rgb(217, 71,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 123.5460, 12.5488, 81.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 71, 149) }
```

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

```
.background{ background-color: rgb(217, 71,  
149) }
```

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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