

Converting Colors

YUV(120.9490, 11.3641,
88.6217)

Have a look what the booklet for
YUV(120.9490, 11.3641, 88.6217)
contains.

YUV(120.9490, 11.3641, 88.6217)	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(120.9490, 11.3641,
88.6217)**

Conversions

Conversions Part 1

Format	Color
Hex	DE4190
RGB	222, 65, 144
RGB Percent	87%, 25%, 56%
CMY	0.1294, 0.7451, 0.4353
CMYK	0.00, 0.71, 0.35, 0.13
HSL	330°, 70%, 56%
HSV	330°, 71%, 87%
XYZ	37.0485, 21.3238, 28.5488
YIQ	120.9490, 68.2130, 57.8530

Conversions

Conversions Part 2

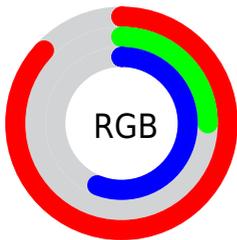
Format	Color
R_{YB}	222, 65, 144
Decimal	14565776
CIE _{Lab}	53.30, 66.53, -8.52
CIE _{LCh}	53, 67.070, 352.700
Yxy	21.3238, 0.4262, 0.2453
Android (android.graphics.Color)	4292755856 (0xFFDE4190)
YUV	120.9490, 11.3641, 88.6217
Hunter-Lab	46.1777, 62.4002, -4.3309

Details

The YUV color **120.9490, 11.3641, 88.6217** 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 **166.0510, -11.3641, -88.6217**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6050, 13.0127, 73.1374**, and **59.1540, 17.1791, 90.1959** is the 20% darker color. If you saturate the color by 10%, you get **106.7810, 12.9260, 101.0471**, and if you desaturate by 10%, it is **135.1170, 9.8023, 76.1964**.

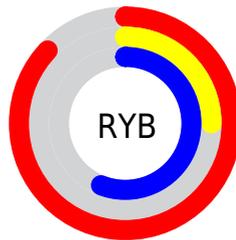
Distribution



Red (87%)

Green (25%)

Blue (56%)



Red (87%)

Yellow (25%)

Blue (56%)

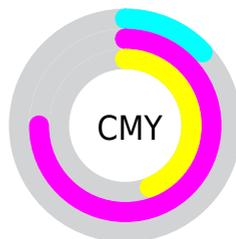


Cyan (0%)

Magenta (71%)

Yellow (35%)

Black (13%)



Cyan (13%)

Magenta (75%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9490, 11.3641, 88.6217 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 120.9490, 11.3641, 88.6217 by changing the saturation by 10% instead.

 120.9490, 11.3641,
88.6217

 120.9490, 11.3641,
88.6217

255.0000, 0.0000,
0.0000

 87.8830, 14.8477,
91.3106

 171.6050, 13.0127,
73.1374

 59.1540, 17.1791,
90.1959

 191.8200, 16.8507,
55.4089

 47.7470, 10.9707,
74.7669

 212.0350, 20.6887,
37.6803

 36.5680, 5.6360,
59.1379

 229.1720, 12.7332,
22.6512

 25.8020, 0.5906,
44.0236

 246.7820, 4.0515,
7.2072

 14.5800, -6.2019,
29.3093

 0.0000, 0.0000,

0.0000

■ 120.9490, 11.3641,
88.6217

■ 120.9490, 11.3641,
88.6217

■ 106.7810, 12.9260,
101.0471

■ 135.1170, 9.8023,
76.1964

■ 92.6130, 14.4878,
113.4724

■ 149.2850, 8.2405,
63.7711

■ 79.1460, 16.1970,
125.2830

■ 164.0400, 6.3893,
50.8309

■ 178.2080, 4.8275,
38.4056

■ 192.3760, 3.2656,
25.9802

■ 206.5440, 1.7038,
13.5549

■ 220.7120, 0.1420,
1.1296

■ 235.4670, -1.7092,
-11.8106

■ 243.7650, -0.3771,
-19.0879

Harmonies

Analogous

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



129.8200, 33.6127, 45.7619



120.9490, 11.3641, 88.6217



118.2940, -15.4279, 95.3352

Triad

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



120.9490, 11.3641, 88.6217



113.6080, -56.0087, -2.2872



112.4290, 52.5395, -98.6002

Complementary

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



120.9490, 11.3641, 88.6217



166.0510, -11.3641, -88.6217

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.



109.1910, 29.9788, -95.7605



120.9490, 11.3641, 88.6217



95.0930, -21.7378, -74.6266

Square

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



120.9490, 11.3641, 88.6217



119.7750, -59.0491, 39.6623



101.8780, 4.4971, -89.3470



109.2950, 65.9166, -95.8517

Rectangle

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



120.9490, 11.3641, 88.6217



120.2930, -34.1614, 83.9350



101.8780, 4.4971, -89.3470



112.0070, 45.8455, -98.2301

Sweetspot

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



120.9490, 11.3641, 88.6217



220.2240, 3.8336, 30.4986



105.6220, 57.3744, 31.0265



107.3920, 2.2717, 18.0732



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

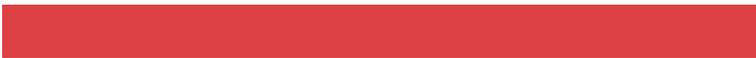
The Same Dimension uses a secret algorithm to generate beautiful new colors.



120.9490, 11.3641, 88.6217



115.3090, 15.6237, 122.5090



112.2850, -21.8325, 96.2201



104.9730, 0.9993, 6.1627



62.7700, 12.9314, 99.3027



17.0880, 3.4076, 27.1098

Inverse Universe

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



120.9490, 11.3641, 88.6217



115.3090, 15.6237, 122.5090



174.7150, 21.8325, -96.2201



104.9730, 0.9993, 6.1627



62.7700, 12.9314, 99.3027



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 120.9490, 11.3641, 88.6217 looks on a white background.

Color Contrast Check

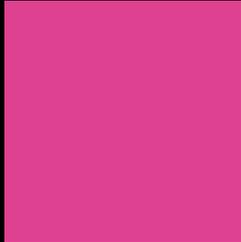
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.9490, 11.3641, 88.6217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

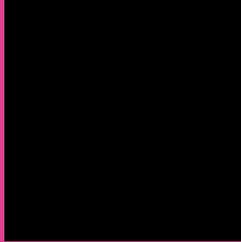
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.9490, 11.3641, 88.6217

Background



This preview shows how black text looks on a background with the YUV color 120.9490, 11.3641, 88.6217.



This preview shows how white text looks on a background with the YUV color 120.9490, 11.3641, 88.6217.

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

120.9490, 11.3641, 88.6217

Protanopia

127.6430, 28.2770, -16.3499

Deuteranopia

129.2550, 3.3253, 6.7924



Tritanopia

121.8320, -18.1582, 84.3393

Trichromacy



Original Color

120.9490, 11.3641, 88.6217

Protanomaly

125.2780, 22.0479, 21.6812

Deuteranomaly

126.5390, 6.1433, 36.3613

Tritanomaly

121.5900, -7.6859, 85.4286

Monochromacy



Original Color

120.9490, 11.3641, 88.6217

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.2350, 3.8281, 32.2429

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9490, 11.3641, 88.6217 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(222, 65, 144)` looks like.

```
.text, #text, p{  
    color:rgb(222, 65, 144)  
}
```

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(222, 65, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 65, 144) }
```

Border

The CSS property to change the border of an element to YUV 120.9490, 11.3641, 88.6217 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(222, 65, 144) }
```

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

```
.border{ border-color:rgb(222, 65, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 65, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 65, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 65, 144);  
box-shadow:4px 4px 4px 4px rgb(222, 65,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 120.9490, 11.3641, 88.6217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 65, 144) }
```

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

```
.background{ background-color: rgb(222, 65,  
144) }
```

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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