

Converting Colors

YUV(120.9540, -2.9353,
101.7723)

Have a look what the booklet for
YUV(120.9540, -2.9353, 101.7723)
contains.

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Color

**YUV(120.9540, -2.9353,
101.7723)**

Conversions

Conversions Part 1

Format	Color
Hex	ED3F73
RGB	237, 63, 115
RGB Percent	93%, 25%, 45%
CMY	0.0706, 0.7529, 0.5490
CMYK	0.00, 0.73, 0.51, 0.07
HSL	342°, 83%, 59%
HSV	342°, 73%, 93%
XYZ	39.7971, 22.7973, 18.5224
YIQ	120.9540, 87.0120, 53.0600

Conversions

Conversions Part 2

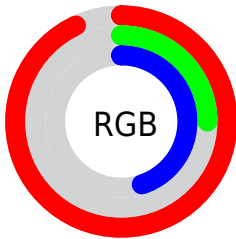
Format	Color
R_{YB}	237, 63, 115
Decimal	15548275
CIE _{Lab}	54.86, 68.62, 11.36
CIE _{LCh}	55, 69.550, 9.400
Yxy	22.7973, 0.4906, 0.2810
Android (android.graphics.Color)	4293738355 (0xFFED3F73)
YUV	120.9540, -2.9353, 101.7723
Hunter-Lab	47.7466, 65.2244, 10.4221

Details

The YUV color **120.9540, -2.9353, 101.7723** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle washed rose. A complement of this color would be **179.0460, 2.9353, -101.7723**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0710, -0.5280, 76.2367**, and **59.9630, 3.4692, 100.8874** is the 20% darker color. If you saturate the color by 10%, you get **104.9280, -3.4155, 115.8271**, and if you desaturate by 10%, it is **136.9800, -2.4551, 87.7175**.

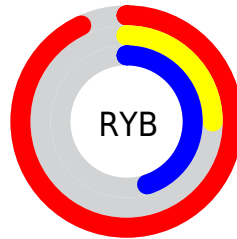
Distribution



Red (93%)

Green (25%)

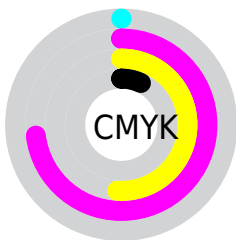
Blue (45%)



Red (93%)

Yellow (25%)

Blue (45%)

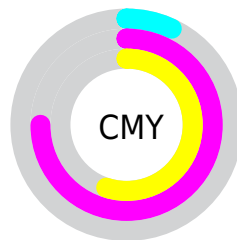


Cyan (0%)

Magenta (73%)

Yellow (51%)

Black (7%)



Cyan (7%)

Magenta (75%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9540, -2.9353, 101.7723 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 120.9540, -2.9353, 101.7723 by changing the saturation by 10% instead.

■ 120.9540, -2.9353,
101.7723

■ 120.9540, -2.9353,
101.7723

255.0000, 0.0000,
0.0000

■ 85.4690, 2.7268,
105.7057

■ 168.0710, -0.5280,
76.2367

■ 59.9630, 3.4692,
100.8874

■ 188.1720, 2.8732,
58.6082

■ 48.3000, -1.1339,
83.9289

■ 208.3870, 6.7112,
40.8796

■ 37.0500, -5.4476,
67.4852

■ 229.1890, 10.2598,
22.6362

■ 25.6430, -11.6560,
52.0561

■ 246.7820, 4.0515,
7.2072

■ 16.6730, -7.2338,
33.6128

■ 2.6910, -1.3267,

5.5330

■ 0.0000, 0.0000,
0.0000

■ 120.9540, -2.9353,
101.7723

■ 120.9540, -2.9353,
101.7723

■ 104.9280, -3.4155,
115.8271

■ 136.9800, -2.4551,
87.7175

■ 89.6030, -3.7483,
129.2672

■ 152.3050, -2.1224,
74.2775

■ 78.9570, -3.9228,
138.6037

■ 168.3310, -1.6422,
60.2227

■ 184.2430, -1.5988,
46.2679

■ 199.6820, -0.8292,
32.7279

215.7080, -0.3490,
18.6731

231.6200, -0.3057,
4.7183

247.6460, 0.1745,
-9.3365

249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



128.5590, 22.8954, 76.6858



120.9540, -2.9353, 101.7723



123.3800, -32.7253, 89.9977

Triad

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



120.9540, -2.9353, 101.7723



110.9830, -44.8546, -33.3111



115.2790, 63.4595, -101.0997

Complementary

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



120.9540, -2.9353, 101.7723



179.0460, 2.9353, -101.7723

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.



115.7570, 44.9828, -101.5189



120.9540, -2.9353, 101.7723



101.3760, -7.5804, -88.9068

Square

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



120.9540, -2.9353, 101.7723



121.4040, -59.8522, 17.1857



109.7320, 19.3591, -96.2350



106.0980, 71.4367, -93.0479

Rectangle

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



120.9540, -2.9353, 101.7723



124.1670, -53.3263, 70.8905



109.7320, 19.3591, -96.2350



116.6010, 58.3707, -102.2591

Sweetspot

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



120.9540, -2.9353, 101.7723



217.6820, -0.8292, 32.7279



119.3140, 58.0192, 57.6066



105.3060, -0.6439, 19.9026



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.



120.9540, -2.9353, 101.7723



105.6140, -3.7537, 131.0115



135.5710, -35.7775, 88.9532



109.6310, -0.3111, 6.4626



60.2750, -3.0936, 105.8758



17.9700, -0.9712, 31.5983

Inverse Universe

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



120.9540, -2.9353, 101.7723



105.6140, -3.7537, 131.0115



164.4290, 35.7775, -88.9532



109.6310, -0.3111, 6.4626



60.2750, -3.0936, 105.8758



17.9700, -0.9712, 31.5983

Previews

White Background



This preview shows how the YUV color 120.9540, -2.9353, 101.7723 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 120.9540, -2.9353, 101.7723 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 120.9540, -2.9353, 101.7723

Background



This preview shows how black text looks on a background with the YUV color 120.9540, -2.9353, 101.7723.



This preview shows how white text looks on a background with the YUV color 120.9540, -2.9353,

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

120.9540, -2.9353, 101.7723

Protanopia

132.3830, 9.1782, -3.8439

Deuteranopia

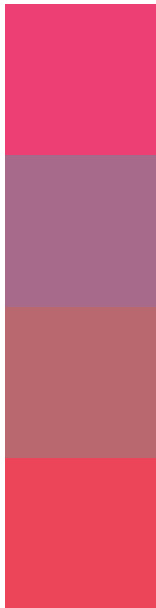
132.4940, -12.5685, 17.9838



Tritanopia

121.1930, -22.2801, 99.8087

Trichromacy



Original Color

120.9540, -2.9353, 101.7723

Protanomaly

128.1860, 4.8383, 34.9169

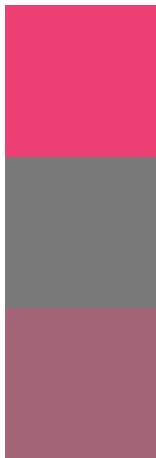
Deuteranomaly

128.6040, -9.1718, 48.5823

Tritanomaly

121.3270, -15.4442, 100.5682

Monochromacy



Original Color

120.9540, -2.9353, 101.7723

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0030, -0.9875, 36.8314

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9540, -2.9353, 101.7723 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(237, 63, 115)` looks like.

```
.text, #text, p{  
    color:rgb(237, 63, 115)  
}
```

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(237, 63, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 63, 115) }
```

Border

The CSS property to change the border of an element to YUV 120.9540, -2.9353, 101.7723 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(237, 63, 115) }
```


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

```
.border{ border-color:rgb(237, 63, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 63, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 63, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 63, 115);  
box-shadow:4px 4px 4px 4px rgb(237, 63,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 120.9540, -2.9353, 101.7723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 63, 115) }
```

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

```
.background{ background-color: rgb(237, 63,  
115) }
```

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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