

Converting Colors

YUV(115.5470, -5.6927,
99.4983)

Have a look what the booklet for
YUV(115.5470, -5.6927, 99.4983)
contains.

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Color

**YUV(115.5470, -5.6927,
99.4983)**

Conversions

Conversions Part 1

Format	Color
Hex	E53C68
RGB	229, 60, 104
RGB Percent	90%, 24%, 41%
CMY	0.1020, 0.7647, 0.5922
CMYK	0.00, 0.74, 0.55, 0.10
HSL	344°, 76%, 57%
HSV	344°, 74%, 90%
XYZ	36.4276, 20.8892, 15.2088
YIQ	115.5470, 86.6000, 49.5120

Conversions

Conversions Part 2

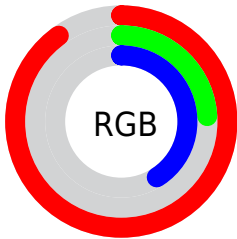
Format	Color
R _Y B	229, 60, 104
Decimal	15023208
CIE Lab	52.83, 66.52, 14.90
CIE LCh	53, 68.166, 12.624
Yxy	20.8892, 0.5023, 0.2880
Android (android.graphics.Color)	4293213288 (0xFFE53C68)
YUV	115.5470, -5.6927, 99.4983
Hunter-Lab	45.7047, 62.2851, 12.2639

Details

The YUV color **115.5470, -5.6927, 99.4983** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **173.4530, 5.6927, -99.4983**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3550, -4.6120, 79.4957**, and **56.5450, 0.7173, 96.8690** is the 20% darker color. If you saturate the color by 10%, you get **100.1080, -6.4622, 113.0383**, and if you desaturate by 10%, it is **130.9860, -4.9231, 85.9583**.

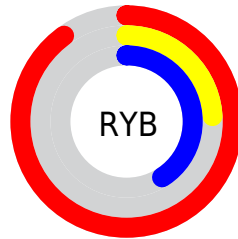
Distribution



Red (90%)

Green (24%)

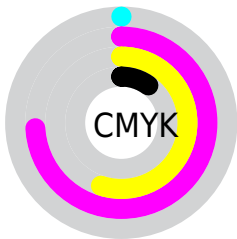
Blue (41%)



Red (90%)

Yellow (24%)

Blue (41%)

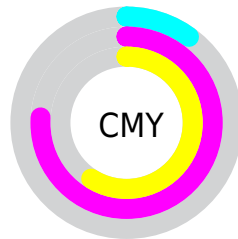


Cyan (0%)

Magenta (74%)

Yellow (55%)

Black (10%)



Cyan (10%)

Magenta (76%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5470, -5.6927, 99.4983 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 115.5470, -5.6927, 99.4983 by changing the saturation by 10% instead.

 115.5470, -5.6927,
99.4983

 115.5470, -5.6927,
99.4983


255.0000, 0.0000,
0.0000

 79.4750, 0.2588,
103.9464


 164.3550, -4.6120,
79.4957

 56.5450, 0.7173,
96.8690


 184.4560, -1.2108,
61.8671


 44.7680, -4.3226,
80.0105


 204.5570, 2.1904,
44.2385

 33.5180, -8.6364,
63.5667

 224.7720, 6.0284,
26.5100

 23.2510, -10.4767,
47.1379

 244.4340, 5.2090,
9.2664

 14.2810, -6.0545,
28.6946

 0.0000, 0.0000,

0.0000

■ 115.5470, -5.6927,
99.4983

■ 115.5470, -5.6927,
99.4983

■ 100.1080, -6.4622,
113.0383

■ 130.9860, -4.9231,
85.9583

■ 84.6690, -7.2318,
126.5783

■ 146.4250, -4.1535,
72.4183

■ 75.3110, -7.5483,
134.7853

■ 161.8640, -3.3840,
58.8783

■ 177.3030, -2.6144,
45.3383

■ 192.7420, -1.8448,
31.7983

■ 207.5940, -0.7858,
18.7731

■ 223.0330, -0.0163,
5.2331

■ 238.4720, 0.7533,
-8.3069

■ 247.2260, 3.8326,
-15.9842

Harmonies

Analogous

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



122.1850, 20.1218, 79.6448



115.5470, -5.6927, 99.4983



118.4780, -34.7457, 84.6498

Triad

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



115.5470, -5.6927, 99.4983



105.1330, -39.0126, -40.4586



110.4860, 62.8644, -96.8962

Complementary

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



115.5470, -5.6927, 99.4983



173.4530, 5.6927, -99.4983

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.



111.4200, 46.1349, -97.7153



115.5470, -5.6927, 99.4983



98.1960, -4.5336, -86.1179

Square

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



115.5470, -5.6927, 99.4983



115.4680, -56.9257, 11.8676



106.3240, 21.5323, -93.2461



100.9630, 69.5312, -88.5446

Rectangle

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



115.5470, -5.6927, 99.4983



117.8090, -57.0938, 65.9425



106.3240, 21.5323, -93.2461



111.9220, 58.2125, -98.1556

Sweetspot

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



115.5470, -5.6927, 99.4983



217.4540, -1.7028, 32.9278



116.3420, 55.5404, 59.3361



105.1920, -1.0807, 20.0026



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.



115.5470, -5.6927, 99.4983



102.5990, -7.6903, 133.6557



133.4240, -36.1980, 83.8202



106.9300, -0.4585, 7.0774



58.7650, -6.2931, 105.4461



16.7310, -1.8394, 30.0539

Inverse Universe

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



115.5470, -5.6927, 99.4983



102.5990, -7.6903, 133.6557



155.5760, 36.1980, -83.8202



106.9300, -0.4585, 7.0774



58.7650, -6.2931, 105.4461



16.7310, -1.8394, 30.0539

Previews

White Background



This preview shows how the YUV color 115.5470, -5.6927, 99.4983 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 115.5470, -5.6927, 99.4983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

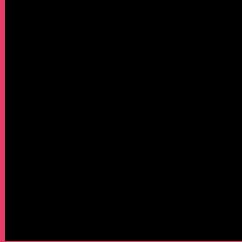
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.5470, -5.6927, 99.4983

Background



This preview shows how black text looks on a background with the YUV color 115.5470, -5.6927, 99.4983.



This preview shows how white text looks on a background with the YUV color 115.5470, -5.6927,

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

115.5470, -5.6927, 99.4983

Protanopia

127.2540, 4.8048, -1.0998

Deuteranopia

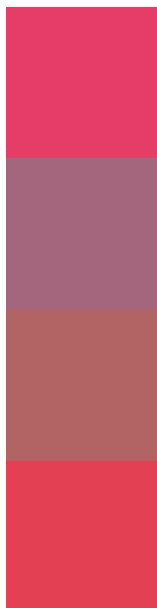
126.5220, -15.0473, 19.7132



Tritanopia

115.2960, -21.8379, 97.9644

Trichromacy



Original Color

115.5470, -5.6927, 99.4983

Protanomaly

122.8610, 1.0545, 35.2019

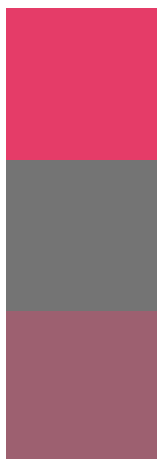
Deuteranomaly

122.6210, -11.6452, 48.5674

Tritanomaly

115.2020, -15.8756, 98.9238

Monochromacy



Original Color

115.5470, -5.6927, 99.4983

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0630, -2.0031, 35.9017

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5470, -5.6927, 99.4983 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(229, 60, 104)` looks like.

```
.text, #text, p{  
    color:rgb(229, 60, 104)  
}
```

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(229, 60, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 60, 104) }
```

Border

The CSS property to change the border of an element to YUV 115.5470, -5.6927, 99.4983 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(229, 60, 104) }
```


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

```
.border{ border-color:rgb(229, 60, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 60, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 60, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 60, 104);  
box-shadow:4px 4px 4px 4px rgb(229, 60,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 115.5470, -5.6927, 99.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 60, 104) }
```

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

```
.background{ background-color: rgb(229, 60,  
104) }
```

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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