

Converting Colors

YUV(113.2140, -0.5985,
98.9133)

Have a look what the booklet for
YUV(113.2140, -0.5985, 98.9133)
contains.

YUV(113.2140, -0.5985, 98.9133)	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(113.2140, -0.5985,
98.9133)**

Conversions

Conversions Part 1

Format	Color
Hex	E23870
RGB	226, 56, 112
RGB Percent	89%, 22%, 44%
CMY	0.1137, 0.7804, 0.5608
CMYK	0.00, 0.75, 0.50, 0.11
HSL	340°, 75%, 55%
HSV	340°, 75%, 89%
XYZ	35.7028, 20.1669, 17.3401
YIQ	113.2140, 83.3440, 53.4560

Conversions

Conversions Part 2

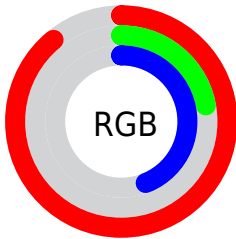
Format	Color
R_{YB}	226, 56, 112
Decimal	14825584
CIE _{Lab}	52.03, 67.55, 8.88
CIE _{LCh}	52, 68.133, 7.487
Yxy	20.1669, 0.4877, 0.2755
Android (android.graphics.Color)	4293015664 (0xFFE23870)
YUV	113.2140, -0.5985, 98.9133
Hunter-Lab	44.9076, 63.3242, 8.5418

Details

The YUV color **113.2140, -0.5985, 98.9133** 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 **168.7860, 0.5985, -98.9133**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5060, -0.2495, 80.2402**, and **56.4460, 4.2171, 94.3249** is the 20% darker color. If you saturate the color by 10%, you get **98.0030, -0.4945, 112.2534**, and if you desaturate by 10%, it is **128.4250, -0.7025, 85.5733**.

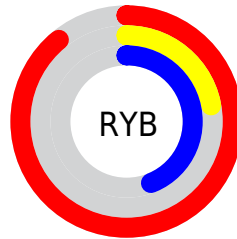
Distribution



Red (89%)

Green (22%)

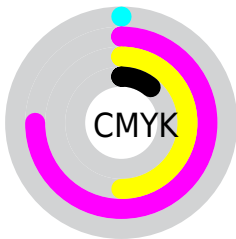
Blue (44%)



Red (89%)

Yellow (22%)

Blue (44%)

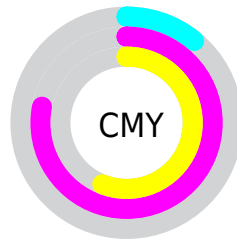


Cyan (0%)

Magenta (75%)

Yellow (50%)

Black (11%)



Cyan (11%)


Magenta (78%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.2140, -0.5985, 98.9133 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 113.2140, -0.5985, 98.9133 by changing the saturation by 10% instead.

 113.2140, -0.5985,
98.9133


 113.2140, -0.5985,
98.9133


255.0000, 0.0000,
0.0000


 74.2070, 6.7999,
105.9355


 163.5060, -0.2495,
80.2402


 56.4460, 4.2171,
94.3249


 183.6070, 3.1517,
62.6117

 44.9680, -0.9702,
78.0811


 203.8220, 6.9898,
44.8831

 33.7180, -5.2840,
61.6373

 224.7380, 10.9752,
26.5398

 23.0660, -9.8925,
46.4231

 242.6730, 6.0772,
10.8108

 13.5690, -6.1965,
27.5650

 0.0000, 0.0000,

0.0000

■ 113.2140, -0.5985,
98.9133

■ 113.2140, -0.5985,
98.9133

■ 98.0030, -0.4945,
112.2534

■ 128.4250, -0.7025,
85.5733

■ 83.3790, -0.6798,
125.0786

■ 143.0490, -0.5172,
72.7480

■ 76.0100, -0.9909,
131.5412

■ 158.2600, -0.6212,
59.4080

■ 172.9980, 0.0010,
46.4828

■ 188.2090, -0.1030,
33.1427

■ 203.4200, -0.2071,
19.8027

■ 218.0440, -0.0217,
6.9774

■ 233.2550, -0.1257,
-6.3626

■ 245.5310, 1.2172,
-17.1287

Harmonies

Analogous

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



121.4660, 23.9273, 72.3823



113.2140, -0.5985, 98.9133



115.8790, -29.5203, 88.6831

Triad

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



113.2140, -0.5985, 98.9133



104.6910, -48.6547, -27.7930



109.8020, 60.2436, -96.2964

Complementary

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



113.2140, -0.5985, 98.9133



168.7860, 0.5985, -98.9133

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.



109.5790, 41.6196, -96.1008



113.2140, -0.5985, 98.9133



94.9530, -9.3438, -83.2738

Square

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



113.2140, -0.5985, 98.9133



114.6260, -56.5106, 18.7450



103.7820, 16.8695, -91.0168



102.0230, 68.5157, -89.4742

Rectangle

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



113.2140, -0.5985, 98.9133



116.3780, -49.9794, 70.7055



103.7820, 16.8695, -91.0168



110.4230, 55.0075, -96.8410

Sweetspot

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



113.2140, -0.5985, 98.9133



215.9210, 0.0389, 34.2723



109.1670, 57.5987, 52.4735



104.1320, -0.0651, 20.9322



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.



113.2140, -0.5985, 98.9133



102.4340, -0.7070, 133.8004



123.2660, -33.1621, 90.0977



104.7450, 0.1257, 6.3626



59.2360, -0.6093, 102.4020



16.1760, -0.0868, 27.9096

Inverse Universe

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



113.2140, -0.5985, 98.9133



102.4340, -0.7070, 133.8004



158.7340, 33.1621, -90.0977



104.7450, 0.1257, 6.3626



59.2360, -0.6093, 102.4020



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 113.2140, -0.5985, 98.9133 looks on a white background.

Color Contrast Check

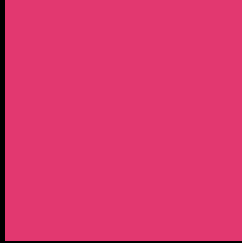
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.2140, -0.5985, 98.9133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

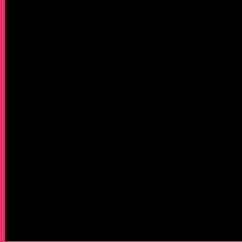
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.2140, -0.5985, 98.9133

Background



This preview shows how black text looks on a background with the YUV color 113.2140, -0.5985, 98.9133.

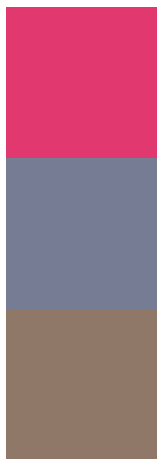


This preview shows how white text looks on a background with the YUV color 113.2140, -0.5985,

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

113.2140, -0.5985, 98.9133

Protanopia

125.3550, 11.6570, -5.5733

Deuteranopia

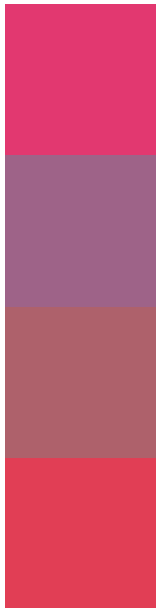
125.3520, -10.5265, 16.3543



Tritanopia

113.5840, -21.9799, 96.8348

Trichromacy



Original Color

113.2140, -0.5985, 98.9133

Protanomaly

120.8590, 7.4645, 32.5727

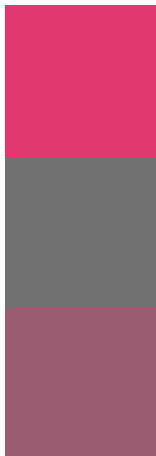
Deuteranomaly

121.1630, -6.9824, 46.3380

Tritanomaly

113.3590, -13.9810, 97.9092

Monochromacy



Original Color

113.2140, -0.5985, 98.9133

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9320, 0.0335, 36.0166

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2140, -0.5985, 98.9133 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(226, 56, 112)` looks like.

```
.text, #text, p{  
    color:rgb(226, 56, 112)  
}
```

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(226, 56, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 56, 112) }
```

Border

The CSS property to change the border of an element to YUV 113.2140, -0.5985, 98.9133 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(226, 56, 112) }
```


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

```
.border{ border-color:rgb(226, 56, 112) }
```

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

Here you see how a box with a 4 pixel rgb(226, 56, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 56, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 56, 112);  
box-shadow:4px 4px 4px 4px rgb(226, 56,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 113.2140, -0.5985, 98.9133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 56, 112) }
```

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

```
.background{ background-color: rgb(226, 56,  
112) }
```

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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