

Converting Colors

YUV(97.1910, 7.7938, 113.8425)

Have a look what the booklet for
YUV(97.1910, 7.7938, 113.8425)
contains.

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Color

**YUV(97.1910, 7.7938,
113.8425)**

Conversions

Conversions Part 1

Format	Color
Hex	E31C71
RGB	227, 28, 113
RGB Percent	89%, 11%, 44%
CMY	0.1098, 0.8902, 0.5569
CMYK	0.00, 0.88, 0.50, 0.11
HSL	334°, 78%, 50%
HSV	334°, 88%, 89%
XYZ	35.0744, 18.3537, 17.3168
YIQ	97.1910, 91.3190, 68.6230

Conversions

Conversions Part 2

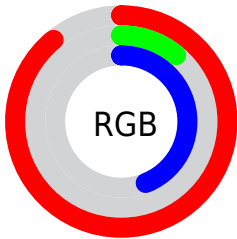
Format	Color
R_{YB}	227, 28, 113
Decimal	14883953
CIE _{Lab}	49.92, 74.49, 5.30
CIE _{LCh}	50, 74.677, 4.070
Yxy	18.3537, 0.4958, 0.2594
Android (android.graphics.Color)	4293074033 (0xFFE31C71)
YUV	97.1910, 7.7938, 113.8425
Hunter-Lab	42.8412, 71.1675, 6.0233

Details

The YUV color **97.1910, 7.7938, 113.8425** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **157.8090, -7.7938, -113.8425**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2280, 4.8176, 88.3770**, and **56.8590, 4.5065, 94.8397** is the 20% darker color. If you saturate the color by 10%, you get **82.2080, 8.7715, 126.9826**, and if you desaturate by 10%, it is **112.1740, 6.8162, 100.7024**.

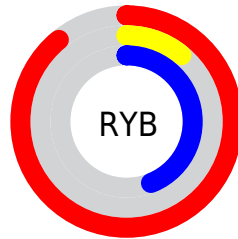
Distribution



Red (89%)

Green (11%)

Blue (44%)



Red (89%)

Yellow (11%)

Blue (44%)

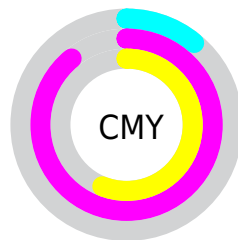


Cyan (0%)

Magenta (88%)

Yellow (50%)

Black (11%)



Cyan (11%)


Magenta (89%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.1910, 7.7938, 113.8425 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 97.1910, 7.7938, 113.8425 by changing the saturation by 10% instead.


 97.1910, 7.7938,
113.8425


 97.1910, 7.7938,
113.8425


255.0000, 0.0000,
0.0000


 68.7500, 9.9832,
111.5983


 154.2280, 4.8176,
88.3770


 56.8590, 4.5065,
94.8397


 174.9160, 7.9294,
70.2337

 45.0820, -0.5334,
77.9811


 195.7180, 11.4780,
51.9903

 33.8320, -4.8472,
61.5373

 216.6340, 15.4634,
33.6470

 23.1800, -9.4557,
46.3231

 235.0420, 9.8393,
17.5032

 12.9710, -5.9017,
26.3354

 252.6520, 1.1576,

 0.0000, 0.0000,

2.0592

0.0000

■ 97.1910, 7.7938,
113.8425

■ 97.1910, 7.7938,
113.8425

■ 82.2080, 8.7715,
126.9826

■ 112.1740, 6.8162,
100.7024

■ 78.9310, 8.9080,
129.8565

■ 126.5700, 6.1280,
88.0771

■ 141.5530, 5.1504,
74.9370

■ 156.5360, 4.1728,
61.7969

■ 171.5190, 3.1951,
48.6568

■ 185.9150, 2.5069,
36.0315

■ 200.8980, 1.5293,
22.8915

■ 215.8810, 0.5517,
9.7514

■ 230.2770, -0.1366,
-2.8739

Harmonies

Analogous

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



113.6110, 30.7578, 74.8862



97.1910, 7.7938, 113.8425



105.0530, -26.6481, 100.8085

Triad

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



97.1910, 7.7938, 113.8425



99.2890, -48.9495, -26.5635



108.8560, 61.6960, -95.4667

Complementary

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



97.1910, 7.7938, 113.8425



157.8090, -7.7938, -113.8425

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.



106.6610, 40.5931, -93.5417



97.1910, 7.7938, 113.8425



90.0800, -15.3224, -79.0002

Square

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



97.1910, 7.7938, 113.8425



110.5170, -54.4849, 22.3486



100.0660, 12.7855, -87.7579



100.9460, 72.0046, -88.5296

Rectangle

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



97.1910, 7.7938, 113.8425



107.9340, -53.2115, 80.7419



100.0660, 12.7855, -87.7579



108.6620, 55.8756, -95.2966

Sweetspot

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



97.1910, 7.7938, 113.8425



211.9260, 2.5015, 37.7759



84.4730, 70.2658, 49.5742



101.8980, 1.5293, 22.8915



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.



97.1910, 7.7938, 113.8425



88.6710, 10.0222, 145.8705



95.1320, -33.0961, 115.6482



107.1580, 0.4151, 6.8774



62.1850, 6.8108, 102.4468



17.7570, 2.0918, 29.1541

Inverse Universe

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



97.1910, 7.7938, 113.8425



88.6710, 10.0222, 145.8705



159.8680, 33.0961, -115.6482



107.1580, 0.4151, 6.8774



62.1850, 6.8108, 102.4468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 97.1910, 7.7938, 113.8425 looks on a white background.

Color Contrast Check

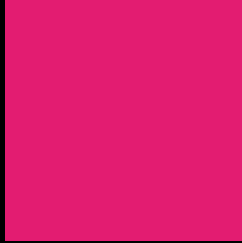
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 97.1910, 7.7938, 113.8425 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 97.1910, 7.7938, 113.8425

Background



This preview shows how black text looks on a background with the YUV color 97.1910, 7.7938, 113.8425.



This preview shows how white text looks on a background with the YUV color 97.1910, 7.7938,

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

97.1910, 7.7938, 113.8425

Protanopia

119.7980, 19.8196, -10.3468

Deuteranopia

120.3240, -8.0477, 14.6249



Tritanopia

102.8410, -25.0646, 106.2564

Trichromacy



Original Color

97.1910, 7.7938, 113.8425



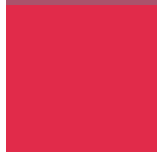
Protanomaly

111.3460, 15.6054, 34.7766



Deuteranomaly

111.7490, -2.3413, 51.0861



Tritanomaly

100.9520, -13.2873, 108.7901

Monochromacy



Original Color

97.1910, 7.7938, 113.8425



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

97.0620, 2.9274, 41.1646

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.1910, 7.7938, 113.8425 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(227, 28, 113)` looks like.

```
.text, #text, p{  
    color:rgb(227, 28, 113)  
}
```

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(227, 28, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 28, 113) }
```

Border

The CSS property to change the border of an element to YUV 97.1910, 7.7938, 113.8425 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(227, 28, 113) }
```


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

```
.border{ border-color:rgb(227, 28, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 28, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 28, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 28, 113);  
box-shadow:4px 4px 4px 4px rgb(227, 28,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 97.1910, 7.7938, 113.8425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 28, 113) }
```

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

```
.background{ background-color: rgb(227, 28,  
113) }
```

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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