

Converting Colors

YUV(86.8620, 0.0680, 118.5160)

Have a look what the booklet for
YUV(86.8620, 0.0680, 118.5160)
contains.

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Color

**YUV(86.8620, 0.0680,
118.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	DE1257
RGB	222, 18, 87
RGB Percent	87%, 7%, 34%
CMY	0.1294, 0.9294, 0.6588
CMYK	0.00, 0.92, 0.61, 0.13
HSL	340°, 85%, 47%
HSV	340°, 92%, 87%
XYZ	32.0608, 16.6503, 10.5409
YIQ	86.8620, 99.4350, 64.7070

Conversions

Conversions Part 2

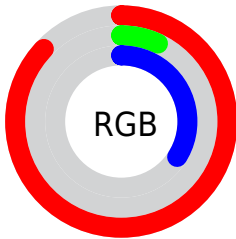
Format	Color
R _Y B	222, 18, 87
Decimal	14553687
CIE Lab	47.82, 72.98, 18.19
CIE LCh	48, 75.219, 13.998
Yxy	16.6503, 0.5411, 0.2810
Android (android.graphics.Color)	4292743767 (0xFFDE1257)
YUV	86.8620, 0.0680, 118.5160
Hunter-Lab	40.8048, 68.8411, 13.2473

Details

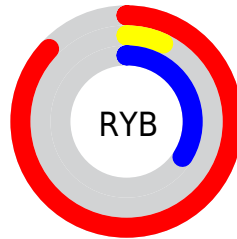
The YUV color **86.8620, 0.0680, 118.5160** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **153.1380, -0.0680, -118.5160**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5140, -5.6764, 94.2652**, and **52.4430, -4.6554, 93.4505** is the 20% darker color. If you saturate the color by 10%, you get **74.9280, 0.0355, 128.9821**, and if you desaturate by 10%, it is **101.4860, 0.2534, 105.6908**.

Distribution



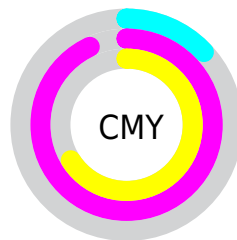
- Red (87%)
- Green (7%)
- Blue (34%)



- Red (87%)
- Yellow (7%)
- Blue (34%)



- Cyan (0%)
- Magenta (92%)
- Yellow (61%)
- Black (13%)



- Cyan (13%)
- Magenta (93%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.8620, 0.0680, 118.5160 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 86.8620, 0.0680, 118.5160 by changing the saturation by 10% instead.


 86.8620, 0.0680,
118.5160


 86.8620, 0.0680,
118.5160


255.0000, 0.0000,
0.0000

 64.1060, -0.0523,
110.4090


 147.5140, -5.6764,
94.2652


 52.4430, -4.6554,
93.4505


 168.7890, -2.8540,
75.6070

 40.8940, -8.8217,
76.3920


 188.7760, 0.1104,
58.0784

 29.2310, -13.4249,
59.4334

 209.5780, 3.6590,
39.8351

 20.6740, -8.7133,
41.5049

 230.4940, 7.6445,
21.4918

 10.2800, -4.5750,
20.8024

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000

■ 86.8620, 0.0680,
118.5160

■ 86.8620, 0.0680,
118.5160

■ 74.9280, 0.0355,
128.9821

■ 101.4860, 0.2534,
105.6908

■ 115.9960, 0.0020,
92.9655


■ 131.2070, -0.1021,
79.6255


■ 145.8310, 0.0833,
66.8002

■ 160.3410, -0.1681,
54.0749

■ 174.9650, 0.0173,
41.2497

 189.5890, 0.2026,
28.4244

 204.8000, 0.0986,
15.0844

 219.3100, -0.1528,
2.3591

Harmonies

Analogous

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



98.9510, 25.1672, 94.7590



86.8620, 0.0680, 118.5160



101.5990, -38.2563, 90.6827

Triad

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



86.8620, 0.0680, 118.5160



81.9690, -40.4107, -58.7318



103.9150, 65.6109, -91.1335

Complementary

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



86.8620, 0.0680, 118.5160



153.1380, -0.0680, -118.5160

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.



104.5070, 47.5710, -91.6526



86.8620, 0.0680, 118.5160



89.6700, -6.7393, -78.6406

Square

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



86.8620, 0.0680, 118.5160



103.6290, -51.0891, 6.4644



98.4820, 21.9474, -86.3687



92.8760, 71.5461, -81.4523

Rectangle

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



86.8620, 0.0680, 118.5160



105.4760, -51.9997, 65.3575



98.4820, 21.9474, -86.3687



104.6500, 60.8115, -91.7781

Sweetspot

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



86.8620, 0.0680, 118.5160



207.9650, 0.0173, 41.2497



81.0230, 69.5017, 61.3698



98.8660, 0.0661, 25.5505



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.



86.8620, 0.0680, 118.5160



86.0490, -0.0242, 148.1700



97.1930, -39.0421, 109.4557



104.7450, 0.1257, 6.3626



59.4640, 0.2642, 102.2021



16.1760, -0.0868, 27.9096

Inverse Universe

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



86.8620, 0.0680, 118.5160



86.0490, -0.0242, 148.1700



142.8070, 39.0421, -109.4557



104.7450, 0.1257, 6.3626



59.4640, 0.2642, 102.2021



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 86.8620, 0.0680, 118.5160 looks on a white background.

Color Contrast Check

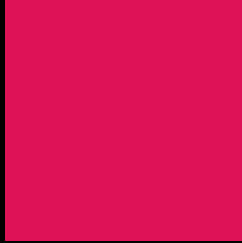
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.8620, 0.0680, 118.5160 looks on a black 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

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

YUV 86.8620, 0.0680, 118.5160

Background



This preview shows how black text looks on a background with the YUV color 86.8620, 0.0680, 118.5160.



This preview shows how white text looks on a background with the YUV color 86.8620, 0.0680,

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

86.8620, 0.0680, 118.5160

Protanopia

115.0690, 5.3890, -1.8145

Deuteranopia

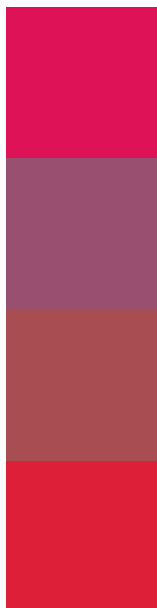
114.4250, -17.9575, 19.7983



Tritanopia

92.1900, -27.7017, 112.0894

Trichromacy



Original Color

86.8620, 0.0680, 118.5160

Protanomaly

104.8880, 3.5062, 42.1942

Deuteranomaly

104.6650, -11.6668, 55.5448

Tritanomaly

90.5460, -17.5242, 114.4082

Monochromacy



Original Color

86.8620, 0.0680, 118.5160

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9760, 0.0118, 42.9940

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8620, 0.0680, 118.5160 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, 18, 87)` looks like.

```
.text, #text, p{  
    color:rgb(222, 18, 87)  
}
```

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, 18, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 18, 87) }
```

Border

The CSS property to change the border of an element to YUV 86.8620, 0.0680, 118.5160 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, 18, 87) }
```


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

```
.border{ border-color:rgb(222, 18, 87) }
```

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

Here you see how a box with a 4 pixel rgb(222, 18, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 18, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 18, 87);  
box-shadow:4px 4px 4px 4px rgb(222, 18,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 86.8620, 0.0680, 118.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 18, 87) }
```

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

```
.background{ background-color: rgb(222, 18,  
87) }
```

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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