

Converting Colors

YUV(85.4860, 3.7044, 118.8458)

Have a look what the booklet for
YUV(85.4860, 3.7044, 118.8458)
contains.

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Color

**YUV(85.4860, 3.7044,
118.8458)**

Conversions

Conversions Part 1

Format	Color
Hex	DD0F5D
RGB	221, 15, 93
RGB Percent	87%, 6%, 36%
CMY	0.1333, 0.9412, 0.6353
CMYK	0.00, 0.93, 0.58, 0.13
HSL	337°, 87%, 46%
HSV	337°, 93%, 87%
XYZ	31.9654, 16.5041, 11.8568
YIQ	85.4860, 97.7380, 67.9300

Conversions

Conversions Part 2

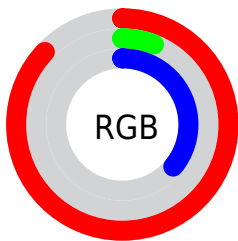
Format	Color
R_{YB}	221, 15, 93
Decimal	14487389
CIE _{Lab}	47.63, 73.45, 14.20
CIE _{LCh}	48, 74.807, 10.942
Yxy	16.5041, 0.5299, 0.2736
Android (android.graphics.Color)	4292677469 (0xFFDD0F5D)
YUV	85.4860, 3.7044, 118.8458
Hunter-Lab	40.6253, 69.3560, 11.1335

Details

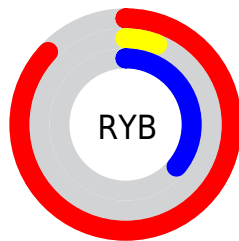
The YUV color **85.4860, 3.7044, 118.8458** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **150.5140, -3.7044, -118.8458**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3120, -2.6188, 93.5654**, and **52.7140, -2.3240, 92.3358** is the 20% darker color. If you saturate the color by 10%, you get **75.6550, 4.1141, 127.4676**, and if you desaturate by 10%, it is **99.9960, 3.4530, 106.1205**.

Distribution



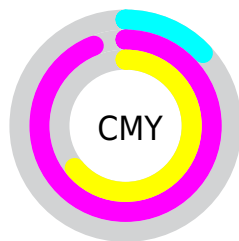
- Red (87%)
- Green (6%)
- Blue (36%)



- Red (87%)
- Yellow (6%)
- Blue (36%)



- Cyan (0%)
- Magenta (93%)
- Yellow (58%)
- Black (13%)




- Cyan (13%)
- Magenta (94%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4860, 3.7044, 118.8458 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 85.4860, 3.7044, 118.8458 by changing the saturation by 10% instead.


 85.4860, 3.7044,
118.8458


 85.4860, 3.7044,
118.8458


255.0000, 0.0000,
0.0000

 64.7900, 2.5685,
109.8092


 148.3120, -2.6188,
93.5654


 52.7140, -2.3240,
92.3358


 168.8860, 0.0562,
75.5220


 41.1650, -6.4903,
75.2773


 189.5740, 3.1680,
57.3786

 29.2310, -13.4249,
59.4334

 209.7890, 7.0060,
39.6500

 20.3750, -8.5659,
40.8901

 230.7050, 10.9914,
21.3067

 10.2800, -4.5750,
20.8024

 248.5430, 3.1833,

 0.0000, 0.0000,

5.6628

0.0000

■ 85.4860, 3.7044,
118.8458

■ 85.4860, 3.7044,
118.8458

■ 75.6550, 4.1141,
127.4676

■ 99.9960, 3.4530,
106.1205

■ 114.3920, 2.7647,
93.4952

■ 128.9020, 2.5133,
80.7699

■ 143.4120, 2.2619,
68.0447

■ 158.5090, 1.7211,
54.8046

■ 172.9050, 1.0328,
42.1793

■ 187.4150, 0.7814,
29.4540

■ 201.9250, 0.5300,
16.7288

■ 216.4350, 0.2785,
4.0035

Harmonies

Analogous

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



101.9610, 26.6412, 88.6112



85.4860, 3.7044, 118.8458



100.0600, -34.0466, 93.7864

Triad

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



85.4860, 3.7044, 118.8458



87.6610, -43.2169, -45.3067



103.4590, 63.8637, -90.7335

Complementary

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



85.4860, 3.7044, 118.8458



150.5140, -3.7044, -118.8458

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.



103.2360, 45.2397, -90.5380



85.4860, 3.7044, 118.8458



88.2850, -9.5075, -77.4259

Square

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



85.4860, 3.7044, 118.8458



104.2490, -51.3948, 11.1826



97.5700, 18.4530, -85.5689



94.1640, 71.4041, -82.5818

Rectangle

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



85.4860, 3.7044, 118.8458



104.3240, -51.4317, 69.8759



97.5700, 18.4530, -85.5689



104.7810, 58.7750, -91.8929

Sweetspot

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



85.4860, 3.7044, 118.8458



208.3070, 1.3276, 40.9498



76.4570, 71.2597, 57.4812



99.0940, 0.9397, 25.3506



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.



85.4860, 3.7044, 118.8458



87.3030, 4.7806, 147.0703



90.6820, -37.3112, 114.2889



102.7450, 0.1257, 6.3626



59.2510, 3.3273, 99.7579



15.6920, 0.6448, 26.5801

Inverse Universe

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



85.4860, 3.7044, 118.8458



87.3030, 4.7806, 147.0703



145.3180, 37.3112, -114.2889



102.7450, 0.1257, 6.3626



59.2510, 3.3273, 99.7579



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 85.4860, 3.7044, 118.8458 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 85.4860, 3.7044, 118.8458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

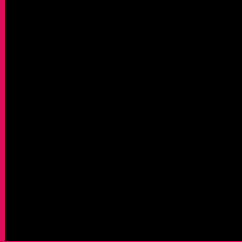
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4860, 3.7044, 118.8458

Background



This preview shows how black text looks on a background with the YUV color 85.4860, 3.7044, 118.8458.



This preview shows how white text looks on a background with the YUV color 85.4860, 3.7044,

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

85.4860, 3.7044, 118.8458

Protanopia

114.6110, 10.0518, -4.0438

Deuteranopia

114.5110, -15.0419, 17.9689



Tritanopia

92.7060, -26.9701, 110.7598

Trichromacy



Original Color

85.4860, 3.7044, 118.8458

Protanomaly

103.7290, 8.0216, 40.5797

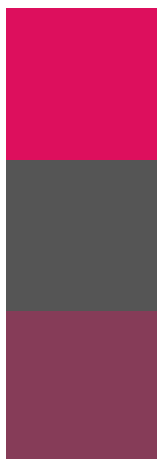
Deuteranomaly

103.5770, -8.1725, 54.7450

Tritanomaly

90.0020, -15.7770, 114.0082

Monochromacy



Original Color

85.4860, 3.7044, 118.8458

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3180, 1.3222, 42.6941

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4860, 3.7044, 118.8458 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(221, 15, 93)` looks like.

```
.text, #text, p{  
    color:rgb(221, 15, 93)  
}
```

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(221, 15, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 15, 93) }
```

Border

The CSS property to change the border of an element to YUV 85.4860, 3.7044, 118.8458 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(221, 15, 93) }
```


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

```
.border{ border-color:rgb(221, 15, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 15, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 15, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 15, 93);  
box-shadow:4px 4px 4px 4px rgb(221, 15,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 85.4860, 3.7044, 118.8458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 15, 93) }
```

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

```
.background{ background-color: rgb(221, 15,  
93) }
```

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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