

Converting Colors

YUV(89.5860, -4.7259,
116.1271)

Have a look what the booklet for
YUV(89.5860, -4.7259, 116.1271)
contains.

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Color

**YUV(89.5860, -4.7259,
116.1271)**

Conversions

Conversions Part 1

Format	Color
Hex	DE1850
RGB	222, 24, 80
RGB Percent	87%, 9%, 31%
CMY	0.1294, 0.9059, 0.6863
CMYK	0.00, 0.89, 0.64, 0.13
HSL	343°, 80%, 48%
HSV	343°, 89%, 87%
XYZ	31.8988, 16.7621, 9.1436
YIQ	89.5860, 100.0320, 59.3920

Conversions

Conversions Part 2

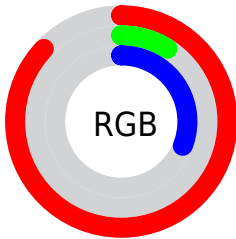
Format	Color
RYB	222, 24, 80
Decimal	14555216
CIELab	47.96, 71.78, 22.69
CIELCh	48, 75.285, 17.542
Yxy	16.7621, 0.5518, 0.2900
Android (android.graphics.Color)	4292745296 (0xFFDE1850)
YUV	89.5860, -4.7259, 116.1271
Hunter-Lab	40.9415, 67.4274, 15.4177

Details

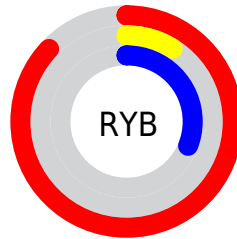
The YUV color **89.5860, -4.7259, 116.1271** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **156.4140, 4.7259, -116.1271**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8900, -9.3128, 93.9355**, and **51.6450, -7.7130, 94.1503** is the 20% darker color. If you saturate the color by 10%, you get **74.8480, -5.3481, 129.0523**, and if you desaturate by 10%, it is **104.3240, -4.1037, 103.2019**.

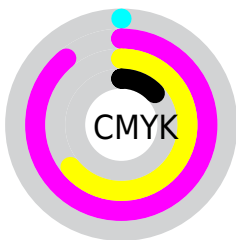
Distribution



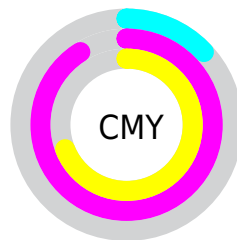
- Red (87%)
- Green (9%)
- Blue (31%)



- Red (87%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (89%)
- Yellow (64%)
- Black (13%)





- Cyan (13%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.5860, -4.7259, 116.1271 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 89.5860, -4.7259, 116.1271 by changing the saturation by 10% instead.


 89.5860, -4.7259,
116.1271


 89.5860, -4.7259,
116.1271


255.0000, 0.0000,
0.0000


 63.3080, -3.1098,
111.1089


 147.8900, -9.3128,
93.9355


 51.6450, -7.7130,
94.1503


 168.4640, -6.6378,
75.8921


 40.2100, -11.4425,
76.9918


 189.0380, -3.9627,
57.8487


 29.2310, -13.4249,
59.4334

 209.2530, -0.1247,
40.1201

 20.3750, -8.5659,
40.8901

 230.0550, 3.4239,
21.8768

 10.2800, -4.5750,
20.8024

 249.7170, 2.6045,

 0.0000, 0.0000,

4.6332

0.0000

■ 89.5860, -4.7259,
116.1271

■ 89.5860, -4.7259,
116.1271

■ 74.8480, -5.3481,
129.0523

■ 104.3240, -4.1037,
103.2019

■ 73.5600, -5.2061,
130.1819

■ 119.0620, -3.4816,
90.2766

■ 134.3870, -3.1488,
76.8366

■ 149.1250, -2.5266,
63.9114

■ 163.8630, -1.9045,
50.9861

■ 178.6010, -1.2823,
38.0609

■ 193.2250, -1.0969,
25.2357

■ 208.5500, -0.7642,
11.7956

■ 223.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



96.4140, 22.9669, 100.4919



89.5860, -4.7259, 116.1271



102.3830, -44.0658, 87.3641

Triad

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



89.5860, -4.7259, 116.1271



78.8860, -37.9048, -69.1830



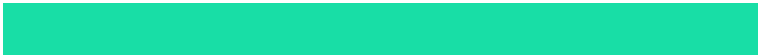
102.9690, 67.0633, -90.3038

Complementary

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



89.5860, -4.7259, 116.1271



156.4140, 4.7259, -116.1271

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.



105.1910, 50.1918, -92.2525



89.5860, -4.7259, 116.1271



91.1690, -3.5343, -79.9552

Square

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



89.5860, -4.7259, 116.1271



102.7100, -50.6360, 1.1313



99.9810, 25.1524, -87.6833



91.0010, 71.9775, -79.8079

Rectangle

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



89.5860, -4.7259, 116.1271



106.6280, -52.5676, 60.8392



99.9810, 25.1524, -87.6833



104.5190, 62.8481, -91.6632

Sweetspot

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



89.5860, -4.7259, 116.1271



208.9110, -1.4351, 40.4201



89.0300, 65.5542, 67.5027



100.5130, -1.2389, 24.1061



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.



89.5860, -4.7259, 116.1271



84.4530, -6.1393, 149.5697



108.4430, -41.6304, 99.5895



104.6310, -0.3111, 6.4626



58.3240, -4.1037, 103.2019



15.9480, -0.9604, 28.1096

Inverse Universe

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



89.5860, -4.7259, 116.1271



84.4530, -6.1393, 149.5697



137.5570, 41.6304, -99.5895



104.6310, -0.3111, 6.4626



58.3240, -4.1037, 103.2019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 89.5860, -4.7259, 116.1271 looks on a white background.

Color Contrast Check

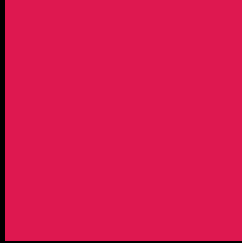
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.5860, -4.7259, 116.1271 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 89.5860, -4.7259, 116.1271

Background



This preview shows how black text looks on a background with the YUV color 89.5860, -4.7259, 116.1271.



This preview shows how white text looks on a background with the YUV color 89.5860, -4.7259,

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

89.5860, -4.7259, 116.1271

Protanopia

115.0110, -0.0054, 1.7444

Deuteranopia

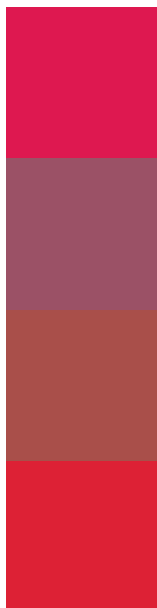
114.1110, -21.7467, 21.8277



Tritanopia

92.6030, -27.4123, 112.6042

Trichromacy



Original Color

89.5860, -4.7259, 116.1271

Protanomaly

105.5200, -1.7354, 43.3940

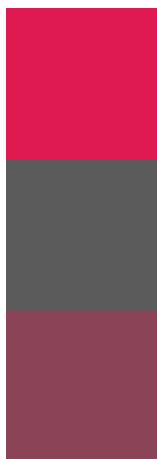
Deuteranomaly

105.3400, -15.4506, 55.8298

Tritanomaly

91.4920, -18.9766, 113.5785

Monochromacy



Original Color

89.5860, -4.7259, 116.1271

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8080, -1.8773, 42.2644

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5860, -4.7259, 116.1271 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, 24, 80)` looks like.

```
.text, #text, p{  
    color:rgb(222, 24, 80)  
}
```

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, 24, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 24, 80) }
```

Border

The CSS property to change the border of an element to YUV 89.5860, -4.7259, 116.1271 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, 24, 80) }
```


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

```
.border{ border-color:rgb(222, 24, 80) }
```

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

Here you see how a box with a 4 pixel rgb(222, 24, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 24, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 24, 80);  
box-shadow:4px 4px 4px 4px rgb(222, 24,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 89.5860, -4.7259, 116.1271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 24, 80) }
```

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

```
.background{ background-color: rgb(222, 24,  
80) }
```

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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