

Converting Colors

YUV(86.0890, 2.4211, 110.4239)

Have a look what the booklet for
YUV(86.0890, 2.4211, 110.4239)
contains.

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Color

**YUV(86.0890, 2.4211,
110.4239)**

Conversions

Conversions Part 1

Format	Color
Hex	D4155B
RGB	212, 21, 91
RGB Percent	83%, 8%, 36%
CMY	0.1686, 0.9176, 0.6431
CMYK	0.00, 0.90, 0.57, 0.17
HSL	338°, 82%, 46%
HSV	338°, 90%, 83%
XYZ	29.3079, 15.2887, 11.3038
YIQ	86.0890, 91.3660, 62.2620

Conversions

Conversions Part 2

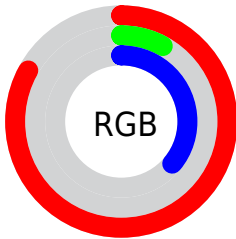
Format	Color
RYB	212, 21, 91
Decimal	13899099
CIELab	46.03, 70.44, 12.95
CIElCh	46, 71.615, 10.414
Yxy	15.2887, 0.5243, 0.2735
Android (android.graphics.Color)	4292089179 (0xFFD4155B)
YUV	86.0890, 2.4211, 110.4239
Hunter-Lab	39.1008, 65.3678, 10.2301

Details

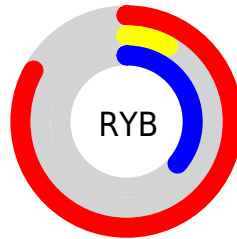
The YUV color **86.0890, 2.4211, 110.4239** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **146.9110, -2.4211, -110.4239**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0840, -3.4924, 93.7653**, and **50.0940, -2.0183, 87.6176** is the 20% darker color. If you saturate the color by 10%, you get **72.2800, 2.8200, 122.5344**, and if you desaturate by 10%, it is **99.8980, 2.0223, 98.3135**.

Distribution



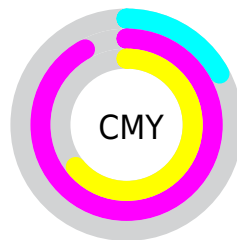
- Red (83%)
- Green (8%)
- Blue (36%)



- Red (83%)
- Yellow (8%)
- Blue (36%)



- Cyan (0%)
- Magenta (90%)
- Yellow (57%)
- Black (17%)




- Cyan (17%)
- Magenta (92%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.0890, 2.4211, 110.4239 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 86.0890, 2.4211, 110.4239 by changing the saturation by 10% instead.


 86.0890, 2.4211,
110.4239


 86.0890, 2.4211,
110.4239


255.0000, 0.0000,
0.0000


 61.8710, 3.0216,
104.4761


 148.0840, -3.4924,
93.7653

 50.0940, -2.0183,
87.6176


 168.0710, -0.5280,
76.2367


 38.5450, -6.1847,
70.5590


 188.7590, 2.5838,
58.0934

 27.1380, -12.3930,
55.1300

 208.9740, 6.4218,
40.3648

 18.2820, -7.5340,
36.5867

 229.7760, 9.9704,
22.1214

 6.5780, -3.2430,
13.5251

 247.9560, 3.4727,

 0.0000, 0.0000,

6.1776

0.0000

■ 86.0890, 2.4211,
110.4239

■ 86.0890, 2.4211,
110.4239

■ 72.2800, 2.8200,
122.5344

■ 99.8980, 2.0223,
98.3135

■ 113.8210, 2.0602,
86.1030

■ 128.2170, 1.3720,
73.4777


■ 142.1400, 1.4100,
61.2672

■ 155.9490, 1.0111,
49.1567

■ 169.8720, 1.0491,
36.9463

 183.6810, 0.6503,
24.8358

 198.0770, -0.0380,
12.2105

 212.0000, 0.0000,
0.0000

Harmonies

Analogous

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



99.8740, 25.2051, 82.5485



86.0890, 2.4211, 110.4239



97.1950, -32.1411, 89.2830

Triad

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



86.0890, 2.4211, 110.4239



85.9220, -42.3595, -40.2736



99.9710, 60.6533, -87.6746

Complementary

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



86.0890, 2.4211, 110.4239



146.9110, -2.4211, -110.4239

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.



99.2750, 42.7554, -87.0642



86.0890, 2.4211, 110.4239



85.0080, -9.3709, -74.5520

Square

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



86.0890, 2.4211, 110.4239



100.4170, -49.5056, 11.9123



93.3640, 17.5685, -81.8802



90.6760, 68.1937, -79.5229

Rectangle

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



86.0890, 2.4211, 110.4239



100.7690, -49.6791, 67.7316



93.3640, 17.5685, -81.8802



100.7060, 55.8539, -88.3192

Sweetspot

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



86.0890, 2.4211, 110.4239



209.4810, 0.7489, 39.9202



78.9530, 65.5922, 55.2922



100.9690, 0.5083, 23.7062



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.



86.0890, 2.4211, 110.4239



86.8470, 3.0334, 147.4702



92.7840, -35.3895, 104.5524



99.7450, 0.1257, 6.3626



58.3110, 2.3117, 98.8283



14.6810, 0.6503, 24.8358

Inverse Universe

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



86.0890, 2.4211, 110.4239



86.8470, 3.0334, 147.4702



140.2160, 35.3895, -104.5524



99.7450, 0.1257, 6.3626



58.3110, 2.3117, 98.8283



14.6810, 0.6503, 24.8358

Previews

White Background



This preview shows how the YUV color 86.0890, 2.4211, 110.4239 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 86.0890, 2.4211, 110.4239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

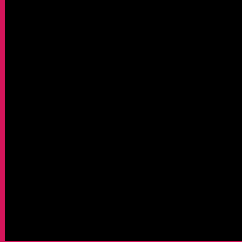
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.0890, 2.4211, 110.4239

Background



This preview shows how black text looks on a background with the YUV color 86.0890, 2.4211, 110.4239.



This preview shows how white text looks on a background with the YUV color 86.0890, 2.4211, 110.4239.

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

86.0890, 2.4211, 110.4239

Protanopia

110.4970, 9.6150, -3.9439

Deuteranopia

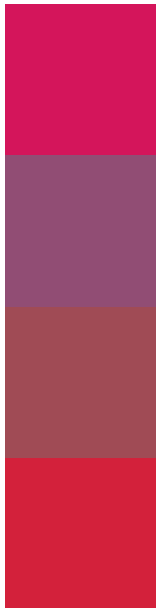
110.4400, -14.0209, 17.1541



Tritanopia

90.8300, -25.0592, 104.5121

Trichromacy



Original Color

86.0890, 2.4211, 110.4239

Protanomaly

101.7780, 7.0114, 37.9057

Deuteranomaly

101.5550, -8.1616, 51.2563

Tritanomaly

89.1860, -14.8817, 106.8309

Monochromacy



Original Color

86.0890, 2.4211, 110.4239

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8940, 1.0383, 40.4350

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.0890, 2.4211, 110.4239 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(212, 21, 91)` looks like.

```
.text, #text, p{  
    color:rgb(212, 21, 91)  
}
```

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(212, 21, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 21, 91) }
```

Border

The CSS property to change the border of an element to YUV 86.0890, 2.4211, 110.4239 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(212, 21, 91) }
```


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

```
.border{ border-color:rgb(212, 21, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 21, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 21, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 21, 91);  
box-shadow:4px 4px 4px 4px rgb(212, 21,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 86.0890, 2.4211, 110.4239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 21, 91) }
```

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

```
.background{ background-color: rgb(212, 21,  
91) }
```

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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