

Converting Colors

YUV(71.8260, 11.4248,
115.9166)

Have a look what the booklet for
YUV(71.8260, 11.4248, 115.9166)
contains.

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Color

**YUV(71.8260, 11.4248,
115.9166)**

Conversions

Conversions Part 1

Format	Color
Hex	CC005F
RGB	204, 0, 95
RGB Percent	80%, 0%, 37%
CMY	0.2000, 1.0000, 0.6275
CMYK	0.00, 1.00, 0.53, 0.20
HSL	332°, 100%, 40%
HSV	332°, 100%, 80%
XYZ	26.9674, 13.6636, 12.0425
YIQ	71.8260, 91.0890, 72.7930

Conversions

Conversions Part 2

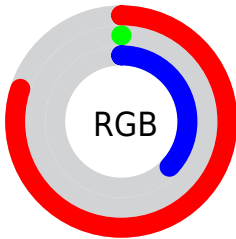
Format	Color
RYB	204, 0, 95
Decimal	13369439
CIELab	43.75, 71.02, 7.01
CIElCh	44, 71.368, 5.636
Yxy	13.6636, 0.5120, 0.2594
Android (android.graphics.Color)	4291559519 (0xFFCC005F)
YUV	71.8260, 11.4248, 115.9166
Hunter-Lab	36.9643, 65.5376, 6.5591

Details

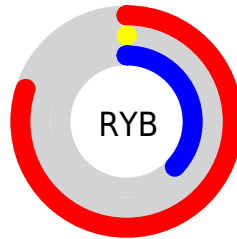
The YUV color **71.8260, 11.4248, 115.9166** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **132.1740, -11.4248, -115.9166**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8440, 0.5699, 97.4838**, and **48.4570, 0.7607, 82.9142** is the 20% darker color. If you saturate the color by 10%, you get **71.8260, 11.4248, 115.9166**, and if you desaturate by 10%, it is **84.8200, 10.4417, 104.5209**.

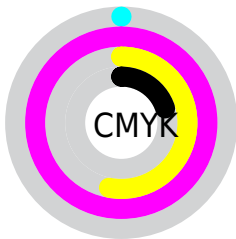
Distribution



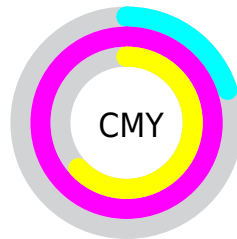
- Red (80%)
- Green (0%)
- Blue (37%)



- Red (80%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8260, 11.4248, 115.9166 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 71.8260, 11.4248, 115.9166 by changing the saturation by 10% instead.

 71.8260, 11.4248,
115.9166


 71.8260, 11.4248,
115.9166


255.0000, 0.0000,
0.0000


 59.9350, 5.9480,
99.1580


 143.8440, 0.5699,
97.4838


 48.4570, 0.7607,
82.9142


 165.1190, 3.3923,
78.8256


 36.7940, -3.8424,
65.9557


 185.2200, 6.7935,
61.1971

 25.1590, -10.9244,
50.7266

 205.4350, 10.6315,
43.4685

 16.0750, -6.9390,
32.3832

 226.2370, 14.1802,
25.2252

 0.8970, -0.4422,
1.8443

 243.8470, 5.4984,

 0.0000, 0.0000,

9.7812

0.0000

■ 71.8260, 11.4248,
115.9166

■ 84.8200, 10.4417,
104.5209

■ 98.4010, 9.1693,
92.6103

■ 111.3950, 8.1863,
81.2146

■ 124.9760, 6.9138,
69.3040

■ 137.8560, 5.4940,
58.0083

■ 150.8500, 4.5110,
46.6126

■ 164.4310, 3.2385,
34.7020

■ 177.4250, 2.2555,
23.3063

■ 191.0060, 0.9830,
11.3957

Harmonies

Analogous

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



95.3290, 28.4318, 74.2565



71.8260, 11.4248, 115.9166



88.9380, -25.6054, 93.0164

Triad

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



71.8260, 11.4248, 115.9166



84.2160, -41.5185, -30.0074



95.7820, 57.2955, -84.0008

Complementary

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



71.8260, 11.4248, 115.9166



132.1740, -11.4248, -115.9166

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.



94.7440, 38.0872, -83.0905



71.8260, 11.4248, 115.9166



79.0750, -14.3340, -69.3488

Square

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



71.8260, 11.4248, 115.9166



96.3190, -47.4853, 17.2602



88.0180, 12.3161, -77.1918



88.8180, 66.1517, -77.8934

Rectangle

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



71.8260, 11.4248, 115.9166



94.3010, -46.4904, 71.6500



88.0180, 12.3161, -77.1918



96.2890, 51.6225, -84.4455

Sweetspot

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



71.8260, 11.4248, 115.9166



205.7140, 4.0850, 43.2238



55.8470, 73.0394, 46.6152



98.1480, 2.3920, 26.1802



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.



71.8260, 11.4248, 115.9166



89.8110, 14.3902, 144.8708



65.1050, -32.0968, 121.8109



95.5600, 0.7099, 5.6479



58.4120, 9.1639, 94.3547



13.4140, 2.2609, 21.5619

Inverse Universe

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



71.8260, 11.4248, 115.9166



89.8110, 14.3902, 144.8708



138.8950, 32.0968, -121.8109



95.5600, 0.7099, 5.6479



58.4120, 9.1639, 94.3547



13.4140, 2.2609, 21.5619

Previews

White Background



This preview shows how the YUV color 71.8260, 11.4248, 115.9166 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 71.8260, 11.4248, 115.9166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

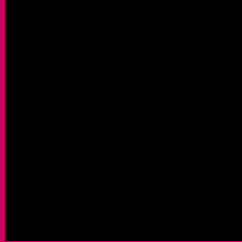
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.8260, 11.4248, 115.9166

Background



This preview shows how black text looks on a background with the YUV color 71.8260, 11.4248, 115.9166.



This preview shows how white text looks on a background with the YUV color 71.8260, 11.4248,

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

71.8260, 11.4248, 115.9166

Protanopia

105.7830, 15.8830, -7.7027

Deuteranopia

106.2700, -9.5001, 13.7952



Tritanopia

86.9220, -24.6115, 100.9234

Trichromacy



Original Color

71.8260, 11.4248, 115.9166

Protanomaly

93.3140, 14.1422, 37.4356

Deuteranomaly

93.8630, -1.9045, 50.9861

Tritanomaly

81.3970, -11.5347, 106.6458

Monochromacy



Original Color

71.8260, 11.4248, 115.9166

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0020, 3.9430, 42.0942

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8260, 11.4248, 115.9166 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(204, 0, 95)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 95)  
}
```

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(204, 0, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 95) }
```

Border

The CSS property to change the border of an element to YUV 71.8260, 11.4248, 115.9166 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(204, 0, 95) }
```


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

```
.border{ border-color:rgb(204, 0, 95) }
```

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

Here you see how a box with a 4 pixel rgb(204, 0, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 95);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.8260, 11.4248, 115.9166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 95) }
```

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

```
.background{ background-color: rgb(204, 0,  
95) }
```

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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