

Converting Colors

YUV(79.4630, 5.1947, 107.4649)

Have a look what the booklet for
YUV(79.4630, 5.1947, 107.4649)
contains.

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Color

**YUV(79.4630, 5.1947,
107.4649)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CA0F5A |
| RGB | 202, 15, 90 |
| RGB Percent | 79%, 6%, 35% |
| CMY | 0.2078, 0.9412, 0.6471 |
| CMYK | 0.00, 0.93, 0.55, 0.21 |
| HSL | 336°, 86%, 43% |
| HSV | 336°, 93%, 79% |
| XYZ | 26.3734, 13.6364, 10.9149 |
| YIQ | 79.4630, 87.3770, 62.9690 |

Conversions

Conversions Part 2

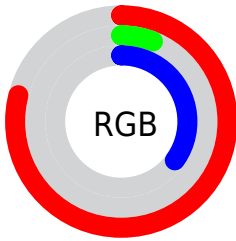
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 202, 15, 90 |
| Decimal | 13242202 |
| CIE _{Lab} | 43.71, 68.76, 10.04 |
| CIE _{LCh} | 44, 69.493, 8.303 |
| Yxy | 13.6364, 0.5179, 0.2678 |
| Android (android.graphics.Color) | 4291432282 (0xFFCA0F5A) |
| YUV | 79.4630, 5.1947, 107.4649 |
| Hunter-Lab | 36.9275, 62.8606, 8.3245 |

Details

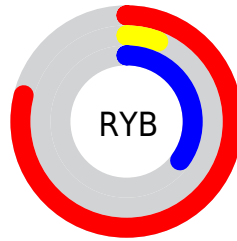
The YUV color **79.4630, 5.1947, 107.4649** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **137.5370, -5.1947, -107.4649**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6220, -2.7716, 95.9245**, and **47.2890, -1.1285, 82.1845** is the 20% darker color. If you saturate the color by 10%, you get **69.6320, 5.6044, 116.0867**, and if you desaturate by 10%, it is **92.5710, 4.6485, 95.9692**.

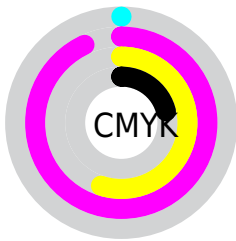
Distribution



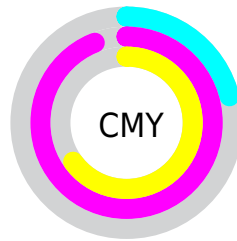
- Red (79%)
- Green (6%)
- Blue (35%)



- Red (79%)
- Yellow (6%)
- Blue (35%)



- Cyan (0%)
- Magenta (93%)
- Yellow (55%)
- Black (21%)




- Cyan (21%)
- Magenta (94%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.4630, 5.1947, 107.4649 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 79.4630, 5.1947, 107.4649 by changing the saturation by 10% instead.


 79.4630, 5.1947,
107.4649

 79.4630, 5.1947,
107.4649


255.0000, 0.0000,
0.0000

 58.7670, 4.0589,
98.4283


 145.6220, -2.7716,
95.9245


 47.2890, -1.1285,
82.1845


 165.6090, 0.1928,
78.3959


 35.7400, -5.2948,
65.1260

 185.7100, 3.5940,
60.7673

 24.4470, -11.0664,
49.5970

 206.5120, 7.1426,
42.5240

 15.4770, -6.6442,
31.1537

 226.7270, 10.9806,
24.7954

 0.0000, 0.0000,
0.0000

 245.0210, 4.9196,

8.7516

■ 79.4630, 5.1947,
107.4649

■ 79.4630, 5.1947,
107.4649

■ 69.6320, 5.6044,
116.0867

■ 92.5710, 4.6485,
95.9692

■ 105.6790, 4.1023,
84.4735

■ 119.3740, 3.2666,
72.4630

■ 132.4820, 2.7204,
60.9673

■ 145.5900, 2.1741,
49.4716

■ 158.8120, 2.0647,
37.8759

■ 171.9200, 1.5184,
26.3802

■ 185.6150, 0.6828,
14.3696

■ 198.7230, 0.1366,
2.8739

Harmonies

Analogous

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



95.2430, 25.5162, 76.0859



79.4630, 5.1947, 107.4649



90.9220, -28.0625, 87.7684

Triad

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



79.4630, 5.1947, 107.4649



83.0090, -40.9234, -34.2109



95.0810, 57.1481, -83.3860

Complementary

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



79.4630, 5.1947, 107.4649



137.5370, -5.1947, -107.4649

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.



94.3850, 39.2502, -82.7756



79.4630, 5.1947, 107.4649



79.8730, -11.2764, -70.0486

Square

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



79.4630, 5.1947, 107.4649



95.7100, -47.1850, 14.2863



88.5880, 14.5001, -77.6917



87.1880, 64.9833, -76.4639

Rectangle

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



79.4630, 5.1947, 107.4649



94.8660, -46.7689, 67.6465



88.5880, 14.5001, -77.6917



95.8160, 52.3487, -84.0306

Sweetspot

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



79.4630, 5.1947, 107.4649



208.4210, 1.7644, 40.8498



68.9090, 65.6139, 48.3148



99.2080, 1.3765, 25.2506



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.



79.4630, 5.1947, 107.4649



87.8730, 6.9646, 146.5704



80.3050, -32.1954, 106.7265



95.4460, 0.2731, 5.7479



57.1580, 4.3591, 95.4544



13.0720, 0.9505, 21.8619

Inverse Universe

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



79.4630, 5.1947, 107.4649



87.8730, 6.9646, 146.5704



136.6950, 32.1954, -106.7265



95.4460, 0.2731, 5.7479



57.1580, 4.3591, 95.4544



13.0720, 0.9505, 21.8619

Previews

White Background



This preview shows how the YUV color 79.4630, 5.1947, 107.4649 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 79.4630, 5.1947, 107.4649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

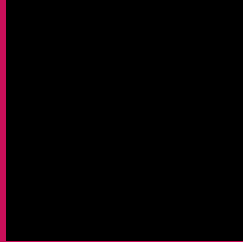
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.4630, 5.1947, 107.4649

Background



This preview shows how black text looks on a background with the YUV color 79.4630, 5.1947, 107.4649.



This preview shows how white text looks on a background with the YUV color 79.4630, 5.1947,

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

79.4630, 5.1947, 107.4649

Protanopia

105.4690, 12.0938, -5.6733

Deuteranopia

105.4120, -11.5421, 15.4247



Tritanopia

86.3240, -24.3167, 99.6939

Trichromacy



Original Color

79.4630, 5.1947, 107.4649

Protanomaly

96.0380, 9.3483, 35.0467

Deuteranomaly

96.2280, -5.5354, 48.9120

Tritanomaly

84.0930, -13.8498, 102.5274

Monochromacy



Original Color

79.4630, 5.1947, 107.4649

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.4100, 1.7699, 39.1054

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4630, 5.1947, 107.4649 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(202, 15, 90)` looks like.

```
.text, #text, p{  
    color:rgb(202, 15, 90)  
}
```

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(202, 15, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 15, 90) }
```

Border

The CSS property to change the border of an element to YUV 79.4630, 5.1947, 107.4649 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(202, 15, 90) }
```


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

```
.border{ border-color:rgb(202, 15, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 15, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 15, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 15, 90);  
box-shadow:4px 4px 4px 4px rgb(202, 15,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 79.4630, 5.1947, 107.4649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 15, 90) }
```

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

```
.background{ background-color: rgb(202, 15,  
90) }
```

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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