

Converting Colors

YUV(79.3050, 4.7796, 100.5875)

Have a look what the booklet for
YUV(79.3050, 4.7796, 100.5875)
contains.

YUV(79.3050, 4.7796, 100.5875)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(79.3050, 4.7796,
100.5875)**

Conversions

Conversions Part 1

Format	Color
Hex	C21359
RGB	194, 19, 89
RGB Percent	76%, 7%, 35%
CMY	0.2392, 0.9255, 0.6510
CMYK	0.00, 0.90, 0.54, 0.24
HSL	336°, 82%, 42%
HSV	336°, 90%, 76%
XYZ	24.2842, 12.6563, 10.6142
YIQ	79.3050, 81.8300, 58.8700

Conversions

Conversions Part 2

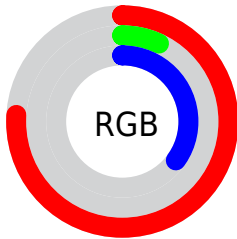
Format	Color
RYB	194, 19, 89
Decimal	12718937
CIELab	42.24, 66.23, 8.37
CIElCh	42, 66.761, 7.201
Yxy	12.6563, 0.5107, 0.2661
Android (android.graphics.Color)	4290909017 (0xFFC21359)
YUV	79.3050, 4.7796, 100.5875
Hunter-Lab	35.5758, 59.5873, 7.2136

Details

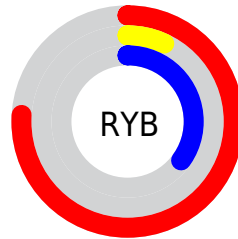
The YUV color **79.3050, 4.7796, 100.5875** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **133.6950, -4.7796, -100.5875**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.9210, -2.9191, 96.5393**, and **44.7830, -0.3860, 77.3663** is the 20% darker color. If you saturate the color by 10%, you get **66.8980, 5.4733, 111.4685**, and if you desaturate by 10%, it is **91.8260, 4.5228, 89.6066**.

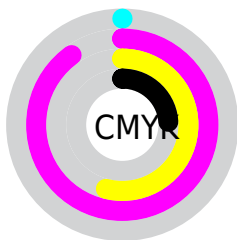
Distribution



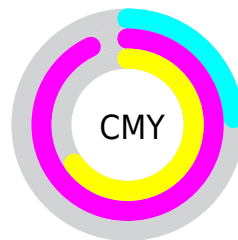
- Red (76%)
- Green (7%)
- Blue (35%)



- Red (76%)
- Yellow (7%)
- Blue (35%)



- Cyan (0%)
- Magenta (90%)
- Yellow (54%)
- Black (24%)




- Cyan (24%)
- Magenta (93%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.3050, 4.7796, 100.5875 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 79.3050, 4.7796, 100.5875 by changing the saturation by 10% instead.


 79.3050, 4.7796,
100.5875

 79.3050, 4.7796,
100.5875


255.0000, 0.0000,
0.0000


 56.5600, 4.6539,
94.2249


 144.9210, -2.9191,
96.5393

 44.7830, -0.3860,
77.3663


 165.4950, -0.2440,
78.4959


 33.5330, -4.6998,
60.9226

 185.0090, 3.4466,
61.3821

 22.7670, -9.7451,
45.8083

 205.2240, 7.2846,
43.6536

 13.5690, -6.1965,
27.5650

 226.0260, 10.8332,
25.4102

 0.0000, 0.0000,
0.0000

 243.8470, 5.4984,

■ 79.3050, 4.7796,
100.5875

■ 79.3050, 4.7796,
100.5875

■ 66.8980, 5.4733,
111.4685

■ 91.8260, 4.5228,
89.6066

■ 104.8200, 3.5397,
78.2109

■ 117.3410, 3.2829,
67.2299

■ 130.4490, 2.7366,
55.7342

■ 142.8560, 2.0430,
44.8533

■ 155.3770, 1.7861,
33.8724

■ 168.3710, 0.8031,
22.4766

■ 180.8920, 0.5462,
11.4957

■ 194.0000, 0.0000,
0.0000

Harmonies

Analogous

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



93.6830, 24.8063, 70.4380



79.3050, 4.7796, 100.5875



88.1820, -25.7257, 84.9094

Triad

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



79.3050, 4.7796, 100.5875



80.9710, -39.9187, -29.7926



91.7070, 54.3744, -80.4270

Complementary

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



79.3050, 4.7796, 100.5875



133.6950, -4.7796, -100.5875

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.



90.5380, 37.2028, -79.4018



79.3050, 4.7796, 100.5875



77.1830, -11.4292, -67.6895

Square

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



79.3050, 4.7796, 100.5875



92.7640, -45.7327, 15.1160



84.9690, 13.3263, -74.5178



84.4010, 61.9203, -74.0197

Rectangle

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



79.3050, 4.7796, 100.5875



91.3110, -45.0163, 65.5023



84.9690, 13.3263, -74.5178



91.7410, 49.4277, -80.4569

Sweetspot

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



79.3050, 4.7796, 100.5875



207.5240, 2.2067, 39.0055



70.3450, 60.9619, 47.0554



101.0830, 0.9451, 23.6062



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.



79.3050, 4.7796, 100.5875



86.8620, 6.9700, 144.8260



81.8910, -31.0053, 98.3196



90.4460, 0.2731, 5.7479



55.4350, 4.2225, 92.5805



11.3490, 0.8139, 18.9879

Inverse Universe

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



79.3050, 4.7796, 100.5875



86.8620, 6.9700, 144.8260



131.1090, 31.0053, -98.3196



90.4460, 0.2731, 5.7479



55.4350, 4.2225, 92.5805



11.3490, 0.8139, 18.9879

Previews

White Background



This preview shows how the YUV color 79.3050, 4.7796, 100.5875 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 79.3050, 4.7796, 100.5875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

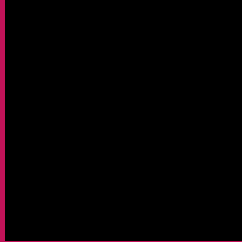
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.3050, 4.7796, 100.5875

Background



This preview shows how black text looks on a background with the YUV color 79.3050, 4.7796, 100.5875.



This preview shows how white text looks on a background with the YUV color 79.3050, 4.7796,

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

79.3050, 4.7796, 100.5875

Protanopia

101.5830, 12.5306, -5.7733

Deuteranopia

101.4550, -10.0843, 14.5100



Tritanopia

84.7470, -22.5533, 94.0609

Trichromacy



Original Color

79.3050, 4.7796, 100.5875

Protanomaly

93.7280, 9.5011, 32.6875

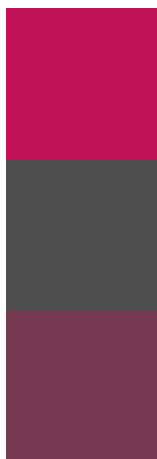
Deuteranomaly

93.7330, -4.7984, 45.8382

Tritanomaly

82.9890, -12.8126, 96.4796

Monochromacy



Original Color

79.3050, 4.7796, 100.5875

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.1000, 1.9227, 36.7463

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.3050, 4.7796, 100.5875 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(194, 19, 89)` looks like.

```
.text, #text, p{  
    color:rgb(194, 19, 89)  
}
```

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(194, 19, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 19, 89) }
```

Border

The CSS property to change the border of an element to YUV 79.3050, 4.7796, 100.5875 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(194, 19, 89) }
```


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

```
.border{ border-color:rgb(194, 19, 89) }
```

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

Here you see how a box with a 4 pixel rgb(194, 19, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 19, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 19, 89);  
box-shadow:4px 4px 4px 4px rgb(194, 19,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 79.3050, 4.7796, 100.5875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 19, 89) }
```

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

```
.background{ background-color: rgb(194, 19,  
89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor