

Converting Colors

YUV(71.8390, 1.5584, 107.1352)

Have a look what the booklet for
YUV(71.8390, 1.5584, 107.1352)
contains.

YUV(71.8390, 1.5584, 107.1352)	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(71.8390, 1.5584,
107.1352)**

Conversions

Conversions Part 1

Format	Color
Hex	C2094B
RGB	194, 9, 75
RGB Percent	76%, 4%, 29%
CMY	0.2392, 0.9647, 0.7059
CMYK	0.00, 0.95, 0.61, 0.24
HSL	339°, 91%, 40%
HSV	339°, 95%, 76%
XYZ	23.6158, 12.1727, 7.7615
YIQ	71.8390, 89.0740, 59.7460

Conversions

Conversions Part 2

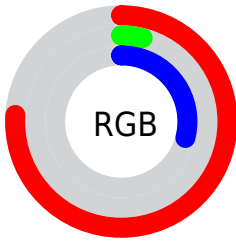
Format	Color
RYB	194, 9, 75
Decimal	12716363
CIELab	41.49, 66.54, 16.19
CIElCh	41, 68.478, 13.679
Yxy	12.1727, 0.5423, 0.2795
Android (android.graphics.Color)	4290906443 (0xFFC2094B)
YUV	71.8390, 1.5584, 107.1352
Hunter-Lab	34.8894, 59.7660, 11.2330

Details

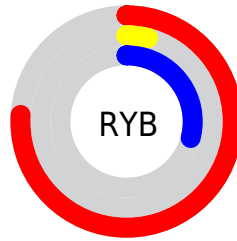
The YUV color **71.8390, 1.5584, 107.1352** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **131.1610, -1.5584, -107.1352**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.3360, -9.0396, 99.6833**, and **43.4150, -5.6276, 78.5660** is the 20% darker color. If you saturate the color by 10%, you get **65.8720, 1.5421, 112.3683**, and if you desaturate by 10%, it is **84.3600, 1.3015, 96.1543**.

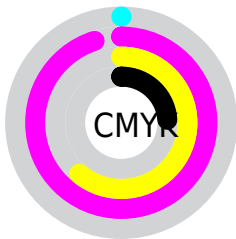
Distribution



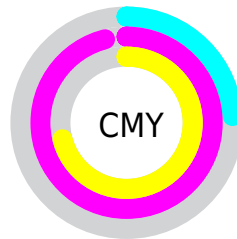
- Red (76%)
- Green (4%)
- Blue (29%)



- Red (76%)
- Yellow (4%)
- Blue (29%)



- Cyan (0%)
- Magenta (95%)
- Yellow (61%)
- Black (24%)



- Cyan (24%)
- Magenta (96%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8390, 1.5584, 107.1352 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 71.8390, 1.5584, 107.1352 by changing the saturation by 10% instead.

■ 71.8390, 1.5584,
107.1352

■ 71.8390, 1.5584,
107.1352

255.0000, 0.0000,
0.0000

■ 54.7790, -0.8770,
94.9098

■ 141.3360, -9.0396,
99.6833

■ 43.4150, -5.6276,
78.5660

■ 161.3230, -6.0752,
82.1547

■ 31.8230, -11.2517,
62.4222

■ 181.4240, -2.6740,
64.5262

■ 22.4680, -9.5977,
45.1936

■ 201.5250, 0.7272,
46.8976

■ 12.6720, -5.7543,
25.7207

■ 221.7400, 4.5652,
29.1690

■ 0.0000, 0.0000,
0.0000

■ 242.0860, 6.3666,

11.3256

■ 71.8390, 1.5584,
107.1352

■ 71.8390, 1.5584,
107.1352

■ 65.8720, 1.5421,
112.3683

■ 84.3600, 1.3015,
96.1543

■ 97.5820, 1.1921,
84.5586

■ 110.1030, 0.9352,
73.5777

■ 123.3250, 0.8258,
61.9820

■ 135.8460, 0.5689,
51.0011

■ 148.4810, 0.7489,
39.9202

■ 161.5890, 0.2026,
28.4244

■ 174.2240, 0.3826,
17.3436

■ 187.3320, -0.1637,
5.8478

Harmonies

Analogous

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



84.9020, 22.7263, 84.2779



71.8390, 1.5584, 107.1352



86.7980, -33.4244, 80.8612

Triad

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



71.8390, 1.5584, 107.1352



70.2070, -34.6121, -51.9245



89.9290, 57.7160, -78.8677

Complementary

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



71.8390, 1.5584, 107.1352



131.1610, -1.5584, -107.1352

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.



90.3900, 41.7127, -79.2720



71.8390, 1.5584, 107.1352



77.7360, -6.7718, -68.1745

Square

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



71.8390, 1.5584, 107.1352



89.1650, -43.9583, 5.9943



85.6360, 18.4205, -75.1028



80.7650, 63.2199, -70.8309

Rectangle

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



71.8390, 1.5584, 107.1352



91.2670, -44.9946, 58.5248



85.6360, 18.4205, -75.1028



90.7780, 53.3534, -79.6123

Sweetspot

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



71.8390, 1.5584, 107.1352



203.7910, 0.5960, 42.2793



65.0730, 63.5610, 53.4330



98.2790, 0.3555, 26.0653



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.



71.8390, 1.5584, 107.1352



85.6080, 2.1653, 145.9258



78.9900, -34.5051, 100.8638



90.4460, 0.2731, 5.7479



54.6370, 1.1650, 93.2804



11.2350, 0.3771, 19.0879

Inverse Universe

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



71.8390, 1.5584, 107.1352



85.6080, 2.1653, 145.9258



124.0100, 34.5051, -100.8638



90.4460, 0.2731, 5.7479



54.6370, 1.1650, 93.2804



11.2350, 0.3771, 19.0879

Previews

White Background



This preview shows how the YUV color 71.8390, 1.5584, 107.1352 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 71.8390, 1.5584, 107.1352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

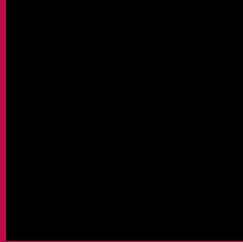
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.8390, 1.5584, 107.1352

Background



This preview shows how black text looks on a background with the YUV color 71.8390, 1.5584, 107.1352.



This preview shows how white text looks on a background with the YUV color 71.8390, 1.5584,

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

71.8390, 1.5584, 107.1352

Protanopia

100.1400, 4.3680, -0.9998

Deuteranopia

99.2830, -15.9155, 18.1688



Tritanopia

78.9110, -24.6061, 99.1791

Trichromacy



Original Color

71.8390, 1.5584, 107.1352

Protanomaly

89.8660, 3.5171, 38.7055

Deuteranomaly

89.5010, -9.6140, 50.4266

Tritanomaly

76.4520, -15.0128, 102.2126

Monochromacy



Original Color

71.8390, 1.5584, 107.1352

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.7690, 0.6069, 38.7906

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8390, 1.5584, 107.1352 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, 9, 75)` looks like.

```
.text, #text, p{  
    color:rgb(194, 9, 75)  
}
```

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, 9, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 9, 75) }
```

Border

The CSS property to change the border of an element to YUV 71.8390, 1.5584, 107.1352 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, 9, 75) }
```


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

```
.border{ border-color:rgb(194, 9, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 9, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 9, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 9, 75);  
box-shadow:4px 4px 4px 4px rgb(194, 9, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.8390, 1.5584, 107.1352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 9, 75) }
```

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

```
.background{ background-color: rgb(194, 9,  
75) }
```

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