

Converting Colors

YUV(71.8550, 4.0155, 112.3832)

Have a look what the booklet for
YUV(71.8550, 4.0155, 112.3832)
contains.

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Color

**YUV(71.8550, 4.0155,
112.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	C80550
RGB	200, 5, 80
RGB Percent	78%, 2%, 31%
CMY	0.2157, 0.9804, 0.6863
CMYK	0.00, 0.97, 0.60, 0.22
HSL	337°, 95%, 40%
HSV	337°, 98%, 78%
XYZ	25.3217, 12.9671, 8.7577
YIQ	71.8550, 92.1450, 64.6650

Conversions

Conversions Part 2

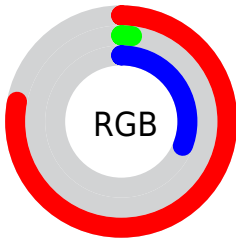
Format	Color
RYB	200, 5, 80
Decimal	13108560
CIELab	42.71, 68.65, 14.90
CIElCh	43, 70.249, 12.244
Yxy	12.9671, 0.5382, 0.2756
Android (android.graphics.Color)	4291298640 (0xFFC80550)
YUV	71.8550, 4.0155, 112.3832
Hunter-Lab	36.0098, 62.5017, 10.7874

Details

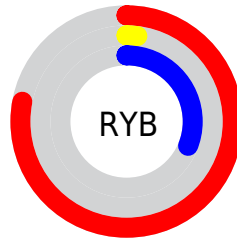
The YUV color **71.8550, 4.0155, 112.3832** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **133.1450, -4.0155, -112.3832**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0200, -6.4189, 99.0835**, and **45.3660, -4.6174, 81.2400** is the 20% darker color. If you saturate the color by 10%, you get **68.5780, 4.1520, 115.2571**, and if you desaturate by 10%, it is **84.9630, 3.4692, 100.8874**.

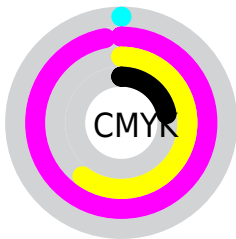
Distribution



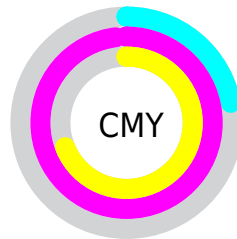
- Red (78%)
- Green (2%)
- Blue (31%)



- Red (78%)
- Yellow (2%)
- Blue (31%)



- Cyan (0%)
- Magenta (97%)
- Yellow (60%)
- Black (22%)



- Cyan (22%)
- Magenta (98%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8550, 4.0155, 112.3832 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 71.8550, 4.0155, 112.3832 by changing the saturation by 10% instead.

71.8550, 4.0155,
112.3832

71.8550, 4.0155,
112.3832

255.0000, 0.0000,
0.0000

57.0290, -0.0143,
98.1986

142.0200, -6.4189,
99.0835

45.3660, -4.6174,
81.2400

162.5940, -3.7438,
81.0401

34.1160, -8.9312,
64.7963

182.5810, -0.7794,
63.5115

23.9630, -10.3348,
48.2674

202.7960, 3.0586,
45.7829

14.5800, -6.2019,
29.3093

223.5980, 6.6072,
27.5396

0.0000, 0.0000,
0.0000

243.2600, 5.7878,

10.2960

■ 71.8550, 4.0155,
112.3832

■ 71.8550, 4.0155,
112.3832

■ 68.5780, 4.1520,
115.2571

■ 84.9630, 3.4692,
100.8874

■ 98.1850, 3.3598,
89.2918

■ 111.2930, 2.8136,
77.7960

■ 124.4010, 2.2673,
66.3003

■ 137.6230, 2.1579,
54.7046

■ 150.7310, 1.6116,
43.2089

■ 163.8390, 1.0654,
31.7132

■ 176.9470, 0.5191,
20.2175

■ 190.1690, 0.4097,
8.6218

Harmonies

Analogous

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



88.0700, 24.6155, 85.0076



71.8550, 4.0155, 112.3832



88.6460, -32.8565, 85.3795

Triad

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



71.8550, 4.0155, 112.3832



75.5450, -37.2437, -47.8360



92.9610, 59.1792, -81.5268

Complementary

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



71.8550, 4.0155, 112.3832



133.1450, -4.0155, -112.3832

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.



93.0800, 41.8656, -81.6312



71.8550, 4.0155, 112.3832



79.3830, -8.0768, -69.6189

Square

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



71.8550, 4.0155, 112.3832



92.7200, -45.7110, 8.1386



87.5110, 17.9891, -76.7471



83.9110, 65.1199, -73.5899

Rectangle

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



71.8550, 4.0155, 112.3832



93.6480, -46.1685, 61.6987



87.5110, 17.9891, -76.7471



93.6960, 54.3799, -82.1714

Sweetspot

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



71.8550, 4.0155, 112.3832



206.3180, 1.3222, 42.6941



62.2130, 67.9290, 52.4332



98.3930, 0.7923, 25.9653



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.



71.8550, 4.0155, 112.3832



87.4170, 5.2174, 146.9703



75.0450, -34.5322, 109.5855



93.0330, -0.0163, 5.2331



55.9190, 3.4909, 93.9100



12.3600, 0.8085, 20.7323

Inverse Universe

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



71.8550, 4.0155, 112.3832



87.4170, 5.2174, 146.9703



129.9550, 34.5322, -109.5855



93.0330, -0.0163, 5.2331



55.9190, 3.4909, 93.9100



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 71.8550, 4.0155, 112.3832 looks on a white background.

Color Contrast Check

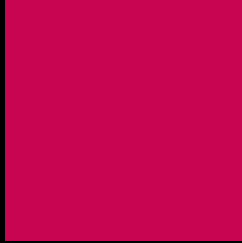
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.8550, 4.0155, 112.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

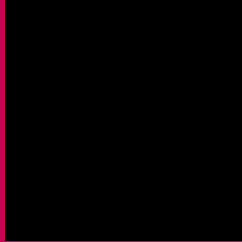
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.8550, 4.0155, 112.3832

Background



This preview shows how black text looks on a background with the YUV color 71.8550, 4.0155, 112.3832.



This preview shows how white text looks on a background with the YUV color 71.8550, 4.0155, 112.3832.

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

71.8550, 4.0155, 112.3832

Protanopia

103.4110, 6.6994, -2.1144

Deuteranopia

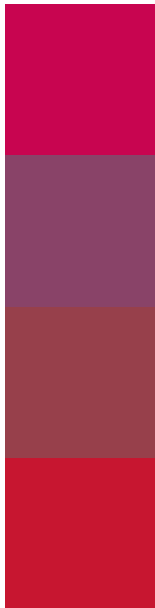
102.5110, -15.0419, 17.9689



Tritanopia

81.4060, -25.3432, 102.2529

Trichromacy



Original Color

71.8550, 4.0155, 112.3832

Protanomaly

92.1480, 5.8430, 39.3352

Deuteranomaly

91.2670, -8.0196, 52.3858

Tritanomaly

77.8870, -14.7343, 106.2161

Monochromacy



Original Color

71.8550, 4.0155, 112.3832

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.3070, 1.3276, 40.9498

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8550, 4.0155, 112.3832 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(200, 5, 80)` looks like.

```
.text, #text, p{  
    color:rgb(200, 5, 80)  
}
```

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(200, 5, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 5, 80) }
```

Border

The CSS property to change the border of an element to YUV 71.8550, 4.0155, 112.3832 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(200, 5, 80) }
```


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

```
.border{ border-color:rgb(200, 5, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 5, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 5, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 5, 80);  
box-shadow:4px 4px 4px 4px rgb(200, 5, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.8550, 4.0155, 112.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 5, 80) }
```

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

```
.background{ background-color: rgb(200, 5,  
80) }
```

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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