

Converting Colors

YUV(101.4550, 7.1707, 80.2850)

Have a look what the booklet for
YUV(101.4550, 7.1707, 80.2850)
contains.

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Color

**YUV(101.4550, 7.1707,
80.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	C13474
RGB	193, 52, 116
RGB Percent	76%, 20%, 45%
CMY	0.2431, 0.7961, 0.5451
CMYK	0.00, 0.73, 0.40, 0.24
HSL	333°, 58%, 48%
HSV	333°, 73%, 76%
XYZ	26.3727, 15.0544, 18.0388
YIQ	101.4550, 63.4920, 49.7960

Conversions

Conversions Part 2

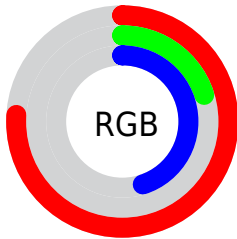
Format	Color
R_{YB}	193, 52, 116
Decimal	12661876
CIE _{Lab}	45.71, 60.13, -3.45
CIE _{LCh}	46, 60.232, 356.716
Yxy	15.0544, 0.4435, 0.2532
Android (android.graphics.Color)	4290851956 (0xFFC13474)
YUV	101.4550, 7.1707, 80.2850
Hunter-Lab	38.8000, 53.4280, -0.4050

Details

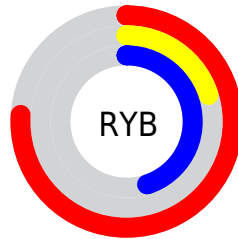
The YUV color **101.4550, 7.1707, 80.2850** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **143.5450, -7.1707, -80.2850**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3690, 4.2551, 82.1144**, and **47.8180, 9.9497, 75.5816** is the 20% darker color. If you saturate the color by 10%, you get **89.0480, 7.8643, 91.1659**, and if you desaturate by 10%, it is **113.8620, 6.4770, 69.4040**.

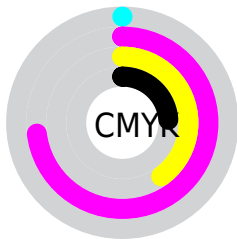
Distribution



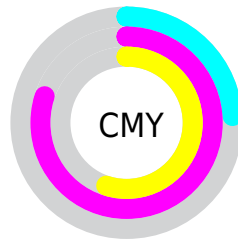
- Red (76%)
- Green (20%)
- Blue (45%)



- Red (76%)
- Yellow (20%)
- Blue (45%)



- Cyan (0%)
- Magenta (73%)
- Yellow (40%)
- Black (24%)



- Cyan (24%)
- Magenta (80%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.4550, 7.1707, 80.2850 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 101.4550, 7.1707, 80.2850 by changing the saturation by 10% instead.

101.4550, 7.1707,
80.2850

101.4550, 7.1707,
80.2850

255.0000, 0.0000,
0.0000

66.1550, 12.2486,
84.9331

159.3690, 4.2551,
82.1144

47.8180, 9.9497,
75.5816

179.4810, 7.6509,
66.2302

36.9380, 4.4676,
60.5674

199.1090, 11.7783,
49.0164

25.9870, 0.0064,
44.7384

219.4380, 16.0531,
31.1879

15.4770, -6.6442,
31.1537

236.8030, 8.9711,
15.9588

0.0000, 0.0000,
0.0000

254.4130, 0.2894,

0.5148

■ 101.4550, 7.1707,
80.2850

■ 101.4550, 7.1707,
80.2850

■ 89.0480, 7.8643,
91.1659

■ 113.8620, 6.4770,
69.4040

■ 76.1680, 9.2842,
102.4617

■ 126.7420, 5.0572,
58.1083

■ 67.7390, 9.9887,
109.8539

■ 139.1490, 4.3635,
47.2273

■ 151.4420, 3.2331,
36.4464

■ 163.8490, 2.5394,
25.5654

■ 176.7290, 1.1196,
14.2697

■ 189.1360, 0.4260,
3.3887

■ 201.4290, -0.7045,
-7.3922

■ 214.4230, -1.6875,
-18.7880

Harmonies

Analogous

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



109.6970, 26.7714, 46.7467



101.4550, 7.1707, 80.2850



100.1630, -16.8424, 82.2950

Triad

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



101.4550, 7.1707, 80.2850



95.2790, -46.9725, -7.2607



96.4370, 47.1126, -84.5752

Complementary

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



101.4550, 7.1707, 80.2850



143.5450, -7.1707, -80.2850

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.



94.2250, 28.4831, -82.6353



101.4550, 7.1707, 80.2850



80.1350, -15.3496, -70.2784

Square

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



101.4550, 7.1707, 80.2850



101.4130, -49.9966, 29.4558



87.8240, 6.4958, -77.0216



92.0320, 58.1582, -80.7121

Rectangle

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



101.4550, 7.1707, 80.2850



102.4330, -33.2445, 69.7803



87.8240, 6.4958, -77.0216



96.3570, 41.7290, -84.5051

Sweetspot

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



101.4550, 7.1707, 80.2850



214.2950, 2.8126, 31.3133



90.4990, 50.5330, 32.0114



103.5770, 1.6875, 18.7880



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



101.4550, 7.1707, 80.2850



107.1800, 11.2503, 125.2531



97.0940, -22.2313, 84.1096



90.5600, 0.7099, 5.6479



56.4610, 8.1537, 91.6807



11.5770, 1.6875, 18.7880

Inverse Universe

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



101.4550, 7.1707, 80.2850



107.1800, 11.2503, 125.2531



147.9060, 22.2313, -84.1096



90.5600, 0.7099, 5.6479



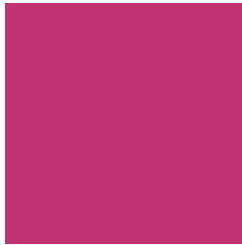
56.4610, 8.1537, 91.6807



11.5770, 1.6875, 18.7880

Previews

White Background



This preview shows how the YUV color 101.4550, 7.1707, 80.2850 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 101.4550, 7.1707, 80.2850 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 101.4550, 7.1707, 80.2850

Background



This preview shows how black text looks on a background with the YUV color 101.4550, 7.1707, 80.2850.



This preview shows how white text looks on a background with the YUV color 101.4550, 7.1707,

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

101.4550, 7.1707, 80.2850

Protanopia

109.3140, 20.5512, -11.6764

Deuteranopia

110.2290, -0.6059, 7.6922



Tritanopia

102.7170, -17.1155, 76.5472

Trichromacy



Original Color

101.4550, 7.1707, 80.2850

Protanomaly

106.5570, 15.5014, 21.4365

Deuteranomaly

106.9040, 2.5123, 34.2872

Tritanomaly

102.0190, -8.3904, 78.0363

Monochromacy



Original Color

101.4550, 7.1707, 80.2850

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8710, 2.5286, 29.0541

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.4550, 7.1707, 80.2850 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(193, 52, 116)` looks like.

```
.text, #text, p{  
    color:rgb(193, 52, 116)  
}
```

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(193, 52, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 52, 116) }
```

Border

The CSS property to change the border of an element to YUV 101.4550, 7.1707, 80.2850 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(193, 52, 116) }
```


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

```
.border{ border-color:rgb(193, 52, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 52, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 52, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 52, 116);  
box-shadow:4px 4px 4px 4px rgb(193, 52,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 101.4550, 7.1707, 80.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 52, 116) }
```

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

```
.background{ background-color: rgb(193, 52,  
116) }
```

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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