

Converting Colors

YUV(106.1550, 12.2486,
84.9331)

Have a look what the booklet for
YUV(106.1550, 12.2486, 84.9331)
contains.

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Color

**YUV(106.1550, 12.2486,
84.9331)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CB3483 |
| RGB | 203, 52, 131 |
| RGB Percent | 80%, 20%, 51% |
| CMY | 0.2039, 0.7961, 0.4863 |
| CMYK | 0.00, 0.74, 0.35, 0.20 |
| HSL | 329°, 59%, 50% |
| HSV | 329°, 74%, 80% |
| XYZ | 29.9533, 16.7912, 23.1350 |
| YIQ | 106.1550, 64.6370, 56.5810 |

Conversions

Conversions Part 2

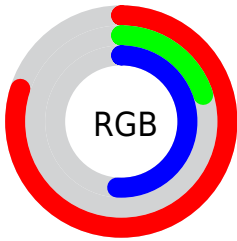
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 203, 52, 131 |
| Decimal | 13317251 |
| CIE _{Lab} | 48.00, 64.41, -9.01 |
| CIE _{LCh} | 48, 65.038, 352.040 |
| Yxy | 16.7912, 0.4286, 0.2403 |
| Android (android.graphics.Color) | 4291507331 (0xFFCB3483) |
| YUV | 106.1550, 12.2486, 84.9331 |
| Hunter-Lab | 40.9771, 58.7698, -4.7903 |

Details

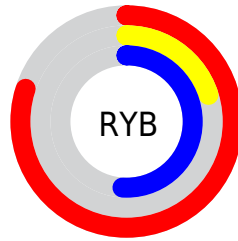
The YUV color **106.1550, 12.2486, 84.9331** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **148.8450, -12.2486, -84.9331**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.9650, 10.3703, 80.7147**, and **52.4040, 14.5908, 80.3297** is the 20% darker color. If you saturate the color by 10%, you get **93.2750, 13.6684, 96.2288**, and if you desaturate by 10%, it is **119.0350, 10.8287, 73.6373**.

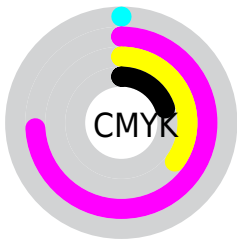
Distribution



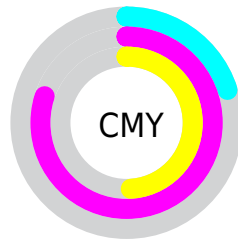
- Red (80%)
- Green (20%)
- Blue (51%)



- Red (80%)
- Yellow (20%)
- Blue (51%)



- Cyan (0%)
- Magenta (74%)
- Yellow (35%)
- Black (20%)





- Cyan (20%)
- Magenta (80%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.1550, 12.2486, 84.9331 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 106.1550, 12.2486, 84.9331 by changing the saturation by 10% instead.


 106.1550, 12.2486,
84.9331


 106.1550, 12.2486,
84.9331


255.0000, 0.0000,
0.0000


 67.3330, 19.0628,
92.6700


 162.9650, 10.3703,
80.7147


 52.4040, 14.5908,
80.3297


 182.5930, 14.4977,
63.5009

 41.1110, 8.8193,
64.8007


 202.8080, 18.3357,
45.7724

 30.2310, 3.3371,
49.7864

 221.5410, 16.4953,
29.3435

 19.6500, -2.2924,
35.3869

 238.5640, 8.1029,
14.4144

 7.5890, -3.2484,
15.2694

 0.0000, 0.0000,

0.0000

■ 106.1550, 12.2486,
84.9331

■ 106.1550, 12.2486,
84.9331

■ 93.2750, 13.6684,
96.2288

■ 119.0350, 10.8287,
73.6373

■ 79.9220, 15.8145,
107.9394

■ 132.3880, 8.6827,
61.9267

■ 72.7810, 16.3770,
114.2021

■ 145.2680, 7.2629,
50.6310

■ 158.1480, 5.8430,
39.3352

■ 171.5010, 3.6970,
27.6246

■ 184.3810, 2.2772,
16.3289

■ 197.2610, 0.8573,
5.0331

■ 210.0270, -0.9993,
-6.1627

■ 223.4940, -2.7085,
-17.9732

Harmonies

Analogous

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



115.8690, 32.6026, 43.0879



106.1550, 12.2486, 84.9331



103.4400, -13.5279, 92.5761

Triad

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



106.1550, 12.2486, 84.9331



101.8020, -50.1884, -2.4574



102.0450, 48.2918, -89.4935

Complementary

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



106.1550, 12.2486, 84.9331



148.8450, -12.2486, -84.9331

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.



98.5620, 27.3309, -86.4389



106.1550, 12.2486, 84.9331



82.5170, -21.4539, -72.3674

Square

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



106.1550, 12.2486, 84.9331



107.0720, -52.7865, 37.6479



91.4770, 2.7228, -80.2253



98.7970, 61.2321, -86.6450

Rectangle

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



106.1550, 12.2486, 84.9331



106.5420, -31.8192, 79.3317



91.4770, 2.7228, -80.2253



101.7370, 42.0347, -89.2233

Sweetspot

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



106.1550, 12.2486, 84.9331



219.0500, 4.4124, 31.5282



90.1440, 55.6380, 27.9377



106.2180, 2.8505, 19.1028



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.



106.1550, 12.2486, 84.9331



109.4390, 18.5176, 127.6570



97.7190, -20.0745, 92.3314



95.5600, 0.7099, 5.6479



59.5520, 13.5319, 93.3549



13.6420, 3.1345, 21.3620

Inverse Universe

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



106.1550, 12.2486, 84.9331



109.4390, 18.5176, 127.6570



157.2810, 20.0745, -92.3314



95.5600, 0.7099, 5.6479



59.5520, 13.5319, 93.3549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 106.1550, 12.2486, 84.9331 looks on a white background.

Color Contrast Check

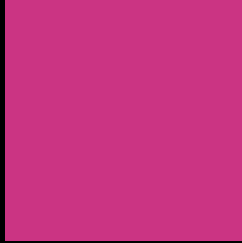
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.1550, 12.2486, 84.9331 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 106.1550, 12.2486, 84.9331 Background



This preview shows how black text looks on a background with the YUV color 106.1550, 12.2486, 84.9331.



This preview shows how white text looks on a background with the YUV color 106.1550, 12.2486, 84.9331.

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

106.1550, 12.2486, 84.9331

Protanopia

114.0450, 28.5718, -17.5795

Deuteranopia

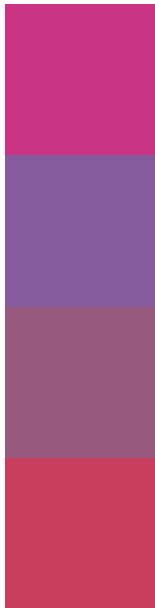
115.6570, 3.6201, 5.5628



Tritanopia

108.2120, -17.8525, 79.6211

Trichromacy



Original Color

106.1550, 12.2486, 84.9331

Protanomaly

111.3810, 22.4902, 19.8369

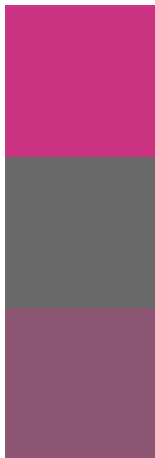
Deuteranomaly

112.3430, 6.7329, 33.9022

Tritanomaly

107.3830, -7.0908, 81.2251

Monochromacy



Original Color

106.1550, 12.2486, 84.9331

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.7510, 4.5598, 30.9134

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.1550, 12.2486, 84.9331 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(203, 52, 131)` looks like.

```
.text, #text, p{  
    color:rgb(203, 52, 131)  
}
```

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(203, 52, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 52, 131) }
```

Border

The CSS property to change the border of an element to YUV 106.1550, 12.2486, 84.9331 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(203, 52, 131) }
```


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

```
.border{ border-color:rgb(203, 52, 131) }
```

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

Here you see how a box with a 4 pixel rgb(203, 52, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 52, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 52, 131);  
box-shadow:4px 4px 4px 4px rgb(203, 52,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 106.1550, 12.2486, 84.9331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 52, 131) }
```

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

```
.background{ background-color: rgb(203, 52,  
131) }
```

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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