

Converting Colors

YUV(87.3720, -0.1834,
105.7908)

Have a look what the booklet for
YUV(87.3720, -0.1834, 105.7908)
contains.

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Color

**YUV(87.3720, -0.1834,
105.7908)**

Conversions

Conversions Part 1

Format	Color
Hex	D01A57
RGB	208, 26, 87
RGB Percent	82%, 10%, 34%
CMY	0.1843, 0.8980, 0.6588
CMYK	0.00, 0.88, 0.58, 0.18
HSL	340°, 78%, 46%
HSV	340°, 88%, 82%
XYZ	28.1021, 14.8368, 10.3995
YIQ	87.3720, 88.8910, 57.5550

Conversions

Conversions Part 2

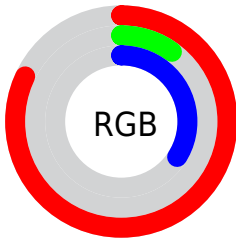
Format	Color
RYB	208, 26, 87
Decimal	13638231
CIELab	45.41, 68.40, 14.46
CIElCh	45, 69.910, 11.935
Yxy	14.8368, 0.5269, 0.2782
Android (android.graphics.Color)	4291828311 (0xFFD01A57)
YUV	87.3720, -0.1834, 105.7908
Hunter-Lab	38.5186, 62.8213, 10.9555

Details

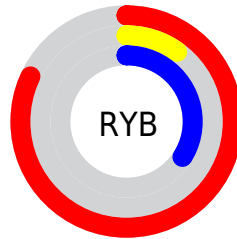
The YUV color **87.3720, -0.1834, 105.7908** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **146.6280, 0.1834, -105.7908**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1010, -5.9658, 93.7504**, and **48.4420, -3.1759, 85.5584** is the 20% darker color. If you saturate the color by 10%, you get **73.4490, -0.2214, 118.0012**, and if you desaturate by 10%, it is **101.2950, -0.1454, 93.5803**.

Distribution



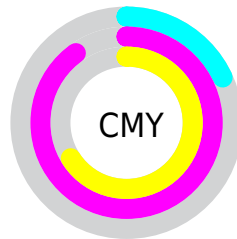
- Red (82%)
- Green (10%)
- Blue (34%)



- Red (82%)
- Yellow (10%)
- Blue (34%)



- Cyan (0%)
- Magenta (88%)
- Yellow (58%)
- Black (18%)



- Cyan (18%)
- Magenta (90%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3720, -0.1834, 105.7908 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 87.3720, -0.1834, 105.7908 by changing the saturation by 10% instead.

87.3720, -0.1834,
105.7908

87.3720, -0.1834,
105.7908

255.0000, 0.0000,
0.0000

60.2190, 1.8640,
102.4169

148.1010, -5.9658,
93.7504

48.4420, -3.1759,
85.5584

168.2020, -2.5646,
76.1218

37.3060, -7.0529,
69.0146

188.3030, 0.8366,
58.4933

25.9420, -11.8034,
52.6709

208.9910, 3.9484,
40.3499

16.9720, -7.3812,
34.2276

229.3200, 8.2232,
22.5214

4.1860, -2.0637,
8.6069

247.9560, 3.4727,

0.0000, 0.0000,

6.1776

0.0000

■ 87.3720, -0.1834,
105.7908

■ 87.3720, -0.1834,
105.7908

■ 73.4490, -0.2214,
118.0012

■ 101.2950, -0.1454,
93.5803

■ 70.1720, -0.0848,
120.8752

■ 115.2180, -0.1075,
81.3698

■ 128.4400, -0.2169,
69.7741

■ 142.3630, -0.1790,
57.5636

■ 156.2860, -0.1410,
45.3532

■ 170.2090, -0.1030,
33.1427

■ 184.1320, -0.0651,
20.9322

■ 197.4680, 0.2623,
9.2366

■ 211.2770, -0.1366,
-2.8739

Harmonies

Analogous

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



98.0050, 23.1685, 82.4336



87.3720, -0.1834, 105.7908



96.6460, -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.



87.3720, -0.1834, 105.7908



83.2530, -41.0437, -42.3179



97.8680, 60.2111, -85.8302

Complementary

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



87.3720, -0.1834, 105.7908



146.6280, 0.1834, -105.7908

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.



97.9870, 42.8974, -85.9346



87.3720, -0.1834, 105.7908



84.1760, -7.4818, -73.8224

Square

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



87.3720, -0.1834, 105.7908



98.6340, -48.6266, 9.9680



92.3040, 18.5841, -80.9506



88.2310, 66.4411, -77.3786

Rectangle

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



87.3720, -0.1834, 105.7908



99.8610, -49.2315, 64.1429



92.3040, 18.5841, -80.9506



98.6030, 55.4117, -86.4748

Sweetspot

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



87.3720, -0.1834, 105.7908



211.2420, -0.1193, 38.3758



82.0300, 62.1032, 54.3477



101.4420, -0.2179, 23.2914



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.



87.3720, -0.1834, 105.7908



85.9350, -0.4610, 148.2700



96.2670, -34.6416, 97.9898



97.7450, 0.1257, 6.3626



56.6160, -0.3037, 97.6838



13.8550, 0.0715, 23.8062

Inverse Universe

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



87.3720, -0.1834, 105.7908



85.9350, -0.4610, 148.2700



137.7330, 34.6416, -97.9898



97.7450, 0.1257, 6.3626



56.6160, -0.3037, 97.6838



13.8550, 0.0715, 23.8062

Previews

White Background



This preview shows how the YUV color 87.3720, -0.1834, 105.7908 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 87.3720, -0.1834, 105.7908 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 87.3720, -0.1834, 105.7908

Background



This preview shows how black text looks on a background with the YUV color 87.3720, -0.1834, 105.7908.

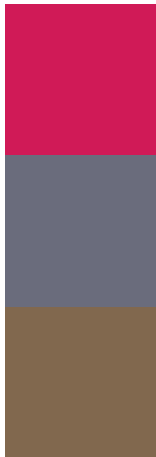


This preview shows how white text looks on a background with the YUV color 87.3720, -0.1834,

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

87.3720, -0.1834, 105.7908

Protanopia

109.2260, 7.2836, -2.8292

Deuteranopia

108.5110, -15.0419, 17.9689



Tritanopia

90.3350, -24.3222, 101.4382

Trichromacy



Original Color

87.3720, -0.1834, 105.7908

Protanomaly

101.1970, 4.8329, 36.6612

Deuteranomaly

101.0880, -9.9034, 49.9118

Tritanomaly

89.6370, -15.5970, 102.9274

Monochromacy



Original Color

87.3720, -0.1834, 105.7908

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.2420, -0.1193, 38.3758

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3720, -0.1834, 105.7908 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(208, 26, 87)` looks like.

```
.text, #text, p{  
    color:rgb(208, 26, 87)  
}
```

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(208, 26, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 26, 87) }
```

Border

The CSS property to change the border of an element to YUV 87.3720, -0.1834, 105.7908 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(208, 26, 87) }
```


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

```
.border{ border-color:rgb(208, 26, 87) }
```

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

Here you see how a box with a 4 pixel rgb(208, 26, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 26, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 26, 87);  
box-shadow:4px 4px 4px 4px rgb(208, 26,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 87.3720, -0.1834, 105.7908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 26, 87) }
```

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

```
.background{ background-color: rgb(208, 26,  
87) }
```

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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