

Converting Colors

YUV(86.9420, 2.0006, 105.2909)

Have a look what the booklet for
YUV(86.9420, 2.0006, 105.2909)
contains.

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Color

**YUV(86.9420, 2.0006,
105.2909)**

Conversions

Conversions Part 1

Format	Color
Hex	CF195B
RGB	207, 25, 91
RGB Percent	81%, 10%, 36%
CMY	0.1882, 0.9020, 0.6431
CMYK	0.00, 0.88, 0.56, 0.19
HSL	338°, 78%, 45%
HSV	338°, 88%, 81%
XYZ	27.9681, 14.7160, 11.2639
YIQ	86.9420, 87.2860, 59.1100

Conversions

Conversions Part 2

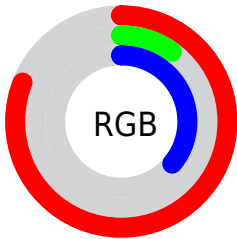
Format	Color
R_{YB}	207, 25, 91
Decimal	13572443
CIE Lab	45.24, 68.59, 11.70
CIE LCh	45, 69.580, 9.683
Yxy	14.7160, 0.5184, 0.2728
Android (android.graphics.Color)	4291762523 (0xFFCF195B)
YUV	86.9420, 2.0006, 105.2909
Hunter-Lab	38.3614, 63.0061, 9.4439

Details

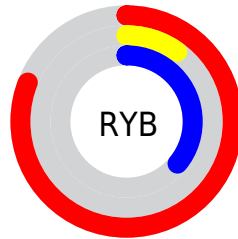
The YUV color **86.9420, 2.0006, 105.2909** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **145.0580, -2.0006, -105.2909**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0840, -3.4924, 93.7653**, and **48.5990, -1.2813, 84.5437** is the 20% darker color. If you saturate the color by 10%, you get **73.1330, 2.3994, 117.4014**, and if you desaturate by 10%, it is **100.7510, 1.6018, 93.1804**.

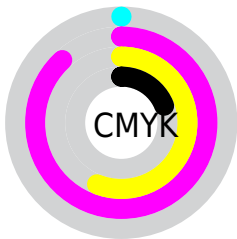
Distribution



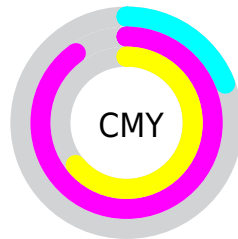
- Red (81%)
- Green (10%)
- Blue (36%)



- Red (81%)
- Yellow (10%)
- Blue (36%)



- Cyan (0%)
- Magenta (88%)
- Yellow (56%)
- Black (19%)



- Cyan (19%)
- Magenta (90%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9420, 2.0006, 105.2909 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 86.9420, 2.0006, 105.2909 by changing the saturation by 10% instead.

86.9420, 2.0006,
105.2909

86.9420, 2.0006,
105.2909

255.0000, 0.0000,
0.0000

60.3760, 3.7586,
101.4022

148.0840, -3.4924,
93.7653

48.5990, -1.2813,
84.5437

168.6580, -0.8174,
75.7219

37.3490, -5.5951,
68.0999

188.7590, 2.5838,
58.0934

25.9420, -11.8034,
52.6709

208.9740, 6.4218,
40.3648

16.9720, -7.3812,
34.2276

229.7760, 9.9704,
22.1214

3.8870, -1.9163,
7.9921

247.9560, 3.4727,

0.0000, 0.0000,

6.1776

0.0000

■ 86.9420, 2.0006,
105.2909

■ 86.9420, 2.0006,
105.2909

■ 73.1330, 2.3994,
117.4014

■ 100.7510, 1.6018,
93.1804

■ 70.4430, 2.2466,
119.7605

■ 113.9730, 1.4923,
81.5847

■ 127.8960, 1.5303,
69.3742

■ 141.7050, 1.1314,
57.2637

■ 155.5140, 0.7326,
45.1532

■ 168.7360, 0.6232,
33.5575

■ 182.5450, 0.2243,
21.4470

■ 196.4680, 0.2623,
9.2366

■ 209.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



99.0260, 24.6372, 78.0302



86.9420, 2.0006, 105.2909



95.7540, -29.9517, 87.0387

Triad

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



86.9420, 2.0006, 105.2909



85.3570, -42.0810, -36.2701



97.5260, 58.9007, -85.5303

Complementary

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



86.9420, 2.0006, 105.2909



145.0580, -2.0006, -105.2909

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.



97.5310, 41.1502, -85.5347



86.9420, 2.0006, 105.2909



83.0190, -9.3764, -72.8077

Square

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



86.9420, 2.0006, 105.2909



98.9440, -48.7794, 12.3271



91.7340, 16.4001, -80.4507



89.4050, 65.8623, -78.4082

Rectangle

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



86.9420, 2.0006, 105.2909



99.2850, -48.9475, 66.4021



91.7340, 16.4001, -80.4507



98.2610, 54.1013, -86.1749

Sweetspot

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



86.9420, 2.0006, 105.2909



211.4700, 0.7543, 38.1758



80.1330, 62.5454, 52.5034



101.5560, 0.2189, 23.1914



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.



86.9420, 2.0006, 105.2909



86.7330, 2.5966, 147.5702



93.5060, -33.7735, 99.5342



97.7450, 0.1257, 6.3626



57.1860, 1.8803, 97.1839



13.9690, 0.5083, 23.7062

Inverse Universe

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



86.9420, 2.0006, 105.2909



86.7330, 2.5966, 147.5702



138.4940, 33.7735, -99.5342



97.7450, 0.1257, 6.3626



57.1860, 1.8803, 97.1839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 86.9420, 2.0006, 105.2909 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 86.9420, 2.0006, 105.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

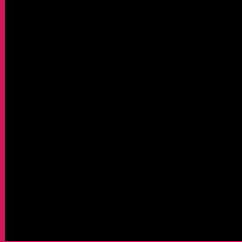
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.9420, 2.0006, 105.2909

Background



This preview shows how black text looks on a background with the YUV color 86.9420, 2.0006, 105.2909.



This preview shows how white text looks on a background with the YUV color 86.9420, 2.0006, 105.2909.

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

86.9420, 2.0006, 105.2909

Protanopia

108.6110, 10.0518, -4.0438

Deuteranopia

108.4830, -12.5631, 16.2394



Tritanopia

90.7370, -24.0273, 100.2087

Trichromacy



Original Color

86.9420, 2.0006, 105.2909

Protanomaly

100.4680, 7.1643, 35.5466

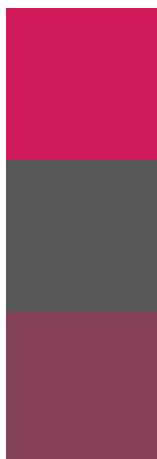
Deuteranomaly

100.4730, -7.1352, 48.6972

Tritanomaly

89.5660, -14.5760, 102.1126

Monochromacy



Original Color

86.9420, 2.0006, 105.2909

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7690, 0.6069, 38.7906

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9420, 2.0006, 105.2909 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(207, 25, 91)` looks like.

```
.text, #text, p{  
  color:rgb(207, 25, 91)  
}
```

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(207, 25, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 25, 91) }
```

Border

The CSS property to change the border of an element to YUV 86.9420, 2.0006, 105.2909 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(207, 25, 91) }
```


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

```
.border{ border-color:rgb(207, 25, 91) }
```

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

Here you see how a box with a 4 pixel rgb(207, 25, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 25, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 25, 91);  
box-shadow:4px 4px 4px 4px rgb(207, 25,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 86.9420, 2.0006, 105.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 25, 91) }
```

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

```
.background{ background-color: rgb(207, 25,  
91) }
```

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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