

Converting Colors

YUV(85.9980, -2.9570,
108.7498)

Have a look what the booklet for
YUV(85.9980, -2.9570, 108.7498)
contains.

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Color

**YUV(85.9980, -2.9570,
108.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	D21850
RGB	210, 24, 80
RGB Percent	82%, 9%, 31%
CMY	0.1765, 0.9059, 0.6863
CMYK	0.00, 0.89, 0.62, 0.18
HSL	342°, 79%, 46%
HSV	342°, 89%, 82%
XYZ	28.3529, 14.9341, 8.9776
YIQ	85.9980, 92.8800, 56.8480

Conversions

Conversions Part 2

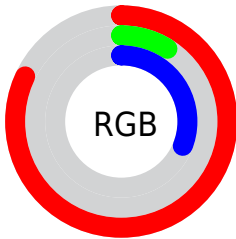
Format	Color
RYB	210, 24, 80
Decimal	13768784
CIELab	45.54, 68.81, 19.06
CIELCh	46, 71.401, 15.483
Yxy	14.9341, 0.5425, 0.2857
Android (android.graphics.Color)	4291958864 (0xFFD21850)
YUV	85.9980, -2.9570, 108.7498
Hunter-Lab	38.6447, 63.3344, 13.2775

Details

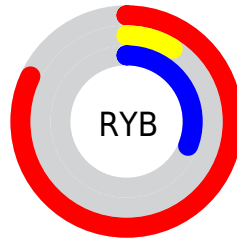
The YUV color **85.9980, -2.9570, 108.7498** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **148.0020, 2.9570, -108.7498**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7160, -8.7340, 94.9651**, and **48.3560, -6.0915, 87.3878** is the 20% darker color. If you saturate the color by 10%, you get **71.9610, -3.4318, 121.0602**, and if you desaturate by 10%, it is **100.0350, -2.4823, 96.4393**.

Distribution



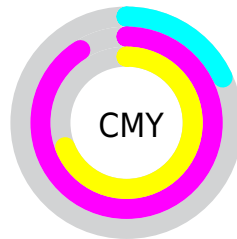
- Red (82%)
- Green (9%)
- Blue (31%)



- Red (82%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (89%)
- Yellow (62%)
- Black (18%)





- Cyan (18%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.9980, -2.9570, 108.7498 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 85.9980, -2.9570, 108.7498 by changing the saturation by 10% instead.


 85.9980, -2.9570,
108.7498

 85.9980, -2.9570,
108.7498


255.0000, 0.0000,
0.0000

 60.0190, -1.4884,
104.3463


 146.7160, -8.7340,
94.9651

 48.3560, -6.0915,
87.3878


 167.2900, -6.0590,
76.9217

 36.8070, -10.2579,
70.3293


 187.2770, -3.0946,
59.3931

 26.2410, -11.9508,
53.2856

 207.4920, 0.7434,
41.6645

 17.2710, -7.5286,
34.8423

 228.2940, 4.2921,
23.4212

 4.7840, -2.3585,
9.8364

 247.9560, 3.4727,

 0.0000, 0.0000,

6.1776

0.0000

■ 85.9980, -2.9570,
108.7498

■ 85.9980, -2.9570,
108.7498

■ 71.9610, -3.4318,
121.0602

■ 100.0350, -2.4823,
96.4393

■ 69.9720, -3.4372,
122.8046

■ 113.9580, -2.4443,
84.2288

■ 127.9950, -1.9695,
71.9184

■ 142.0320, -1.4948,
59.6079

■ 155.9550, -1.4568,
47.3975

■ 169.9920, -0.9821,
35.0870

■ 184.0290, -0.5073,
22.7766

■ 197.9520, -0.4693,
10.5661

■ 211.9890, 0.0054,
-1.7444

Harmonies

Analogous

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



94.4190, 21.9784, 90.8405



85.9980, -2.9570, 108.7498



96.9680, -37.9452, 84.2201

Triad

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



85.9980, -2.9570, 108.7498



75.1580, -37.0529, -62.4056



97.8510, 62.6845, -85.8153

Complementary

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



85.9980, -2.9570, 108.7498



148.0020, 2.9570, -108.7498

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.



98.8990, 46.3918, -86.7344



85.9980, -2.9570, 108.7498



85.5610, -4.7136, -75.0370

Square

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



85.9980, -2.9570, 108.7498



98.3020, -48.4629, 4.1201



93.8030, 21.7891, -82.2652



87.2850, 67.8935, -76.5489

Rectangle

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



85.9980, -2.9570, 108.7498



100.4260, -49.5100, 60.1394



93.8030, 21.7891, -82.2652



99.2870, 58.0325, -87.0747

Sweetspot

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



85.9980, -2.9570, 108.7498



209.0250, -0.9983, 40.3201



83.1770, 62.5237, 59.4808



100.6270, -0.8021, 24.0061



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.



85.9980, -2.9570, 108.7498



85.0230, -3.9553, 149.0698



99.5720, -37.2570, 96.8454



97.6310, -0.3111, 6.4626



56.0460, -2.4877, 98.1837



13.6270, -0.8021, 24.0061

Inverse Universe

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



85.9980, -2.9570, 108.7498



85.0230, -3.9553, 149.0698



134.4280, 37.2570, -96.8454



97.6310, -0.3111, 6.4626



56.0460, -2.4877, 98.1837



13.6270, -0.8021, 24.0061

Previews

White Background



This preview shows how the YUV color 85.9980, -2.9570, 108.7498 looks on a white background.

Color Contrast Check

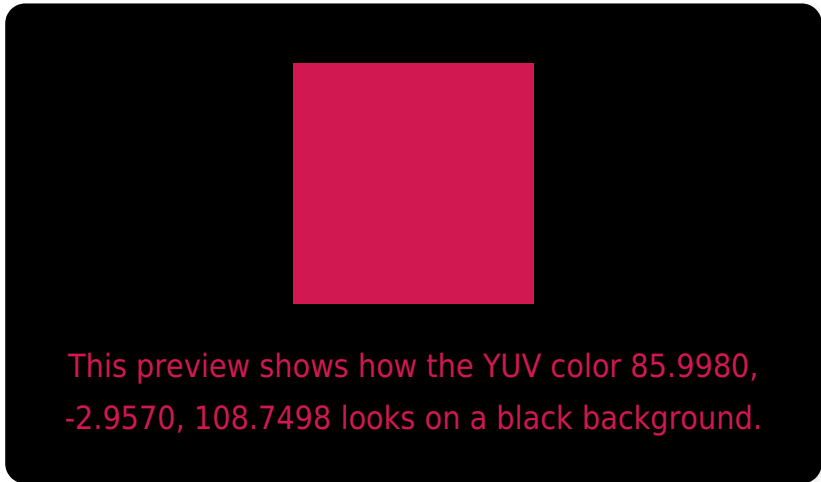
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

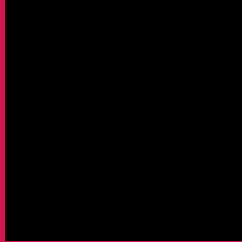
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.9980, -2.9570, 108.7498

Background



This preview shows how black text looks on a background with the YUV color 85.9980, -2.9570, 108.7498.



This preview shows how white text looks on a background with the YUV color 85.9980, -2.9570,

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

85.9980, -2.9570, 108.7498

Protanopia

109.0970, 2.9102, -0.0851

Deuteranopia

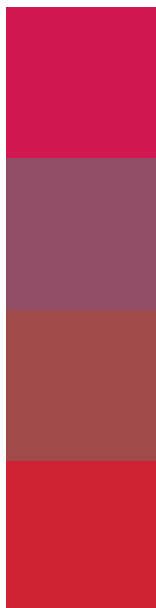
108.3110, -18.3943, 19.8983



Tritanopia

89.0150, -25.6434, 105.2268

Trichromacy



Original Color

85.9980, -2.9570, 108.7498

Protanomaly

100.4810, 0.7489, 39.9202

Deuteranomaly

100.3010, -12.9664, 52.3560

Tritanomaly

87.9040, -17.2077, 106.2012

Monochromacy



Original Color

85.9980, -2.9570, 108.7498

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.7260, -0.8509, 39.7053

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9980, -2.9570, 108.7498 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(210, 24, 80)` looks like.

```
.text, #text, p{  
    color:rgb(210, 24, 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(210, 24, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 24, 80) }
```

Border

The CSS property to change the border of an element to YUV 85.9980, -2.9570, 108.7498 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(210, 24, 80) }
```


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

```
.border{ border-color:rgb(210, 24, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 24, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 24, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 24, 80);  
box-shadow:4px 4px 4px 4px rgb(210, 24,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 85.9980, -2.9570, 108.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 24, 80) }
```

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

```
.background{ background-color: rgb(210, 24,  
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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