

Converting Colors

YUV(84.3970, 5.2273, 96.9988)

Have a look what the booklet for
YUV(84.3970, 5.2273, 96.9988)
contains.

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Color

**YUV(84.3970, 5.2273,
96.9988)**

Conversions

Conversions Part 1

Format	Color
Hex	C31A5F
RGB	195, 26, 95
RGB Percent	76%, 10%, 37%
CMY	0.2353, 0.8980, 0.6275
CMYK	0.00, 0.87, 0.51, 0.24
HSL	336°, 76%, 43%
HSV	336°, 87%, 76%
XYZ	24.9406, 13.1671, 12.0535
YIQ	84.3970, 78.5750, 57.2870

Conversions

Conversions Part 2

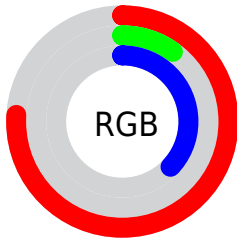
Format	Color
RYB	195, 26, 95
Decimal	12786271
CIELab	43.01, 65.73, 5.72
CIElCh	43, 65.983, 4.970
Yxy	13.1671, 0.4972, 0.2625
Android (android.graphics.Color)	4290976351 (0xFFC31A5F)
YUV	84.3970, 5.2273, 96.9988
Hunter-Lab	36.2865, 59.1861, 5.7059

Details

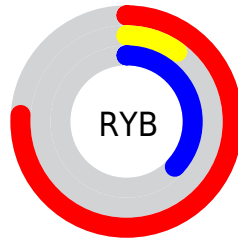
The YUV color **84.3970, 5.2273, 96.9988** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **136.6030, -5.2273, -96.9988**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9530, -1.4558, 93.8802**, and **45.9510, 1.5032, 78.0960** is the 20% darker color. If you saturate the color by 10%, you get **71.2890, 5.7735, 108.4945**, and if you desaturate by 10%, it is **96.9180, 4.9704, 86.0179**.

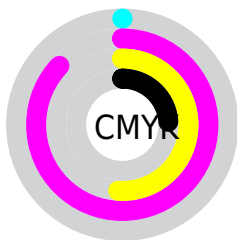
Distribution



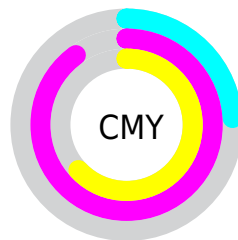
- Red (76%)
- Green (10%)
- Blue (37%)



- Red (76%)
- Yellow (10%)
- Blue (37%)



- Cyan (0%)
- Magenta (87%)
- Yellow (51%)
- Black (24%)



- Cyan (24%)
- Magenta (90%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.3970, 5.2273, 96.9988 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 84.3970, 5.2273, 96.9988 by changing the saturation by 10% instead.


 84.3970, 5.2273,
96.9988

 84.3970, 5.2273,
96.9988


255.0000, 0.0000,
0.0000


 57.5430, 7.1273,
94.2398


 147.9530, -1.4558,
93.8802

 45.9510, 1.5032,
78.0960


 168.0540, 1.9454,
76.2516


 34.7010, -2.8106,
61.6522

 188.1550, 5.3466,
58.6231

 23.2510, -10.4767,
47.1379

 207.7830, 9.4740,
41.4093

 14.2810, -6.0545,
28.6946

 228.5850, 13.0226,
23.1660

 0.0000, 0.0000,
0.0000

 245.6080, 4.6303,

■ 84.3970, 5.2273,
96.9988

■ 84.3970, 5.2273,
96.9988

■ 71.2890, 5.7735,
108.4945

■ 96.9180, 4.9704,
86.0179

■ 67.4250, 6.1995,
111.8833

■ 109.9120, 3.9874,
74.6222

■ 122.4330, 3.7305,
63.6413

■ 135.4270, 2.7475,
52.2455

■ 147.9480, 2.4906,
41.2646

■ 160.9420, 1.5076,
29.8689

■ 173.4630, 1.2507,
18.8879

■ 186.4570, 0.2677,
7.4922

■ 198.9780, 0.0108,
-3.4887

Harmonies

Analogous

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



97.1770, 25.5487, 65.6198



84.3970, 5.2273, 96.9988



90.3500, -23.8365, 85.6391

Triad

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



84.3970, 5.2273, 96.9988



84.5480, -41.6822, -24.1596



92.7670, 53.3589, -81.3567

Complementary

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



84.3970, 5.2273, 96.9988



136.6030, -5.2273, -96.9988

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.



91.3700, 35.3136, -80.1315



84.3970, 5.2273, 96.9988



77.5420, -12.5922, -68.0043

Square

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



84.3970, 5.2273, 96.9988



94.5580, -46.6171, 18.8046



85.9150, 11.8739, -75.3475



86.3900, 61.9257, -75.7640

Rectangle

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



84.3970, 5.2273, 96.9988



92.8060, -45.7534, 68.5761



85.9150, 11.8739, -75.3475



93.3880, 48.1227, -81.9013

Sweetspot

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



84.3970, 5.2273, 96.9988



209.5130, 2.2121, 37.2611



74.8670, 59.2256, 43.9666



101.7840, 1.0925, 22.9914



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.



84.3970, 5.2273, 96.9988



87.0900, 7.8436, 144.6261



84.7490, -28.9633, 96.6901



90.4460, 0.2731, 5.7479



55.6630, 5.0961, 92.3805



11.4630, 1.2507, 18.8879

Inverse Universe

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



84.3970, 5.2273, 96.9988



87.0900, 7.8436, 144.6261



136.2510, 28.9633, -96.6901



90.4460, 0.2731, 5.7479



55.6630, 5.0961, 92.3805



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 84.3970, 5.2273, 96.9988 looks on a white background.

Color Contrast Check

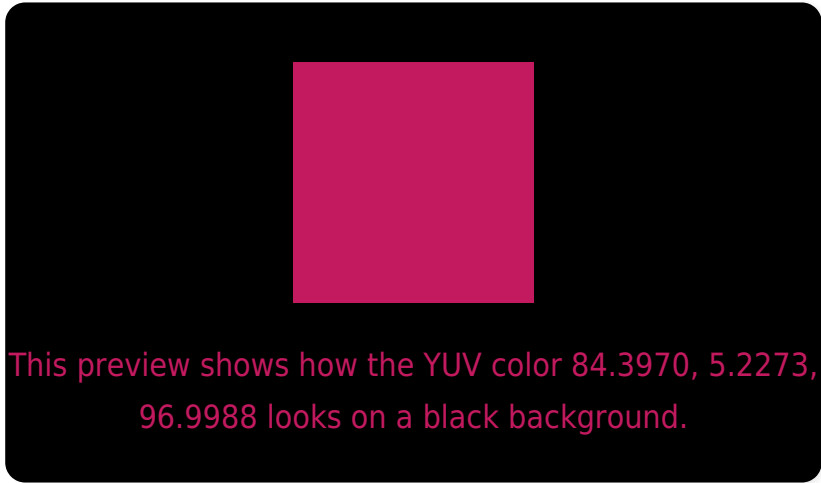
Large Text (above 18pt) WCAG AA ✓ Pass

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

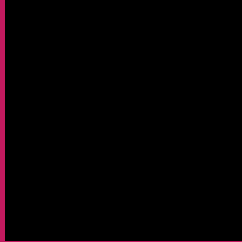
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.3970, 5.2273, 96.9988

Background



This preview shows how black text looks on a background with the YUV color 84.3970, 5.2273, 96.9988.



This preview shows how white text looks on a background with the YUV color 84.3970, 5.2273,

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

84.3970, 5.2273, 96.9988

Protanopia

103.2560, 15.1568, -8.1175

Deuteranopia

103.3130, -8.0423, 12.8805



Tritanopia

88.5510, -21.9636, 91.6018

Trichromacy



Original Color

84.3970, 5.2273, 96.9988

Protanomaly

96.2870, 11.6905, 30.4433

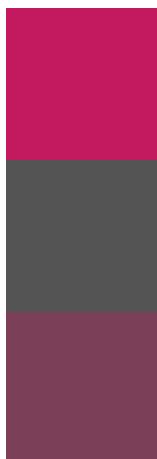
Deuteranomaly

96.1780, -3.0458, 43.6939

Tritanomaly

86.9070, -11.7862, 93.9206

Monochromacy



Original Color

84.3970, 5.2273, 96.9988

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0890, 1.9281, 35.0019

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.3970, 5.2273, 96.9988 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(195, 26, 95)` looks like.

```
.text, #text, p{  
    color:rgb(195, 26, 95)  
}
```

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(195, 26, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 26, 95) }
```

Border

The CSS property to change the border of an element to YUV 84.3970, 5.2273, 96.9988 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(195, 26, 95) }
```


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

```
.border{ border-color:rgb(195, 26, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 26, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 26, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 26, 95);  
box-shadow:4px 4px 4px 4px rgb(195, 26,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 84.3970, 5.2273, 96.9988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 26, 95) }
```

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

```
.background{ background-color: rgb(195, 26,  
95) }
```

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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