

Converting Colors

YUV(97.4610, -8.6083,
101.3277)

Have a look what the booklet for
YUV(97.4610, -8.6083, 101.3277)
contains.

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Color

**YUV(97.4610, -8.6083,
101.3277)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D52A50 |
| RGB | 213, 42, 80 |
| RGB Percent | 84%, 16%, 31% |
| CMY | 0.1647, 0.8353, 0.6863 |
| CMYK | 0.00, 0.80, 0.62, 0.16 |
| HSL | 347°, 67%, 50% |
| HSV | 347°, 80%, 84% |
| XYZ | 29.7165, 16.3812, 9.1851 |
| YIQ | 97.4610, 89.7180, 48.0700 |

Conversions

Conversions Part 2

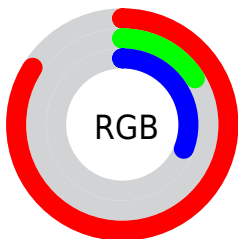
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 213, 42, 80 |
| Decimal | 13970000 |
| CIE Lab | 47.47, 65.78, 21.72 |
| CIE LCh | 47, 69.269, 18.272 |
| Yxy | 16.3812, 0.5375, 0.2963 |
| Android (android.graphics.Color) | 4292160080 (0xFFD52A50) |
| YUV | 97.4610, -8.6083, 101.3277 |
| Hunter-Lab | 40.4738, 60.2286, 14.8764 |

Details

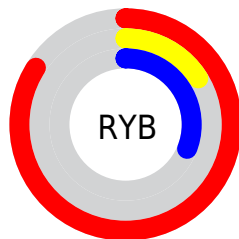
The YUV color **97.4610, -8.6083, 101.3277** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **157.5390, 8.6083, -101.3277**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5860, -11.6279, 89.8171**, and **49.2530, -6.5337, 89.2321** is the 20% darker color. If you saturate the color by 10%, you get **83.1960, -9.9566, 113.8381**, and if you desaturate by 10%, it is **111.7260, -7.2599, 88.8173**.

Distribution



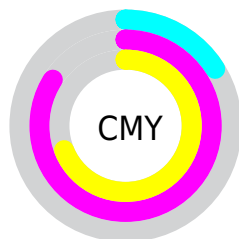
- Red (84%)
- Green (16%)
- Blue (31%)



- Red (84%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (80%)
- Yellow (62%)
- Black (16%)





- Cyan (16%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.4610, -8.6083, 101.3277 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 97.4610, -8.6083, 101.3277 by changing the saturation by 10% instead.


 97.4610, -8.6083,
101.3277

 97.4610, -8.6083,
101.3277


255.0000, 0.0000,
0.0000


 60.9160, -1.9306,
106.1907


 152.5860,
-11.6279, 89.8171

 49.2530, -6.5337,
89.2321


 172.5730, -8.6635,
72.2885

 37.7040, -10.7001,
72.1736


 192.6740, -5.2623,
54.6599

 27.0240, -12.8298,
55.2300

 212.7750, -1.8611,
37.0313

 18.5810, -7.6814,
37.2015

 232.9900, 1.9769,
19.3028

 7.2900, -3.1010,
14.6547

 252.6520, 1.1576,

 0.0000, 0.0000,

2.0592

0.0000

■ 97.4610, -8.6083,
101.3277

■ 97.4610, -8.6083,
101.3277

■ 83.1960, -9.9566,
113.8381

■ 111.7260, -7.2599,
88.8173

■ 69.0450, -10.8682,
126.2485

■ 126.4640, -6.6378,
75.8921

■ 140.7290, -5.2894,
63.3817

■ 154.8800, -4.3778,
50.9712

■ 169.7320, -3.3189,
37.9460

■ 183.8830, -2.4073,
25.5356

■ 198.1480, -1.0590,
13.0252

■ 212.4130, 0.2894,
0.5148

■ 227.1510, 0.9116,
-12.4104

Harmonies

Analogous

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



102.5560, 17.4739, 88.9664



97.4610, -8.6083, 101.3277



103.9520, -40.4023, 78.9721

Triad

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



97.4610, -8.6083, 101.3277



79.2910, -28.7375, -69.5382



99.9540, 63.1267, -87.6597

Complementary

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



97.4610, -8.6083, 101.3277



157.5390, 8.6083, -101.3277

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.



101.9310, 47.8550, -89.3935



97.4610, -8.6083, 101.3277



89.7500, -1.3558, -78.7108

Square

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



97.4610, -8.6083, 101.3277



101.8240, -50.1992, 1.0314



97.8780, 24.7101, -85.8390



99.2230, 62.0081, -55.4466

Rectangle

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



97.4610, -8.6083, 101.3277



105.4210, -51.9726, 56.6358



97.8780, 24.7101, -85.8390



101.6180, 59.3483, -89.1190

Sweetspot

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



97.4610, -8.6083, 101.3277



213.7210, -3.3135, 36.2017



100.6630, 55.3821, 63.4395



102.9750, -1.9597, 21.9469



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.



97.4610, -8.6083, 101.3277



89.5250, -12.0908, 145.1216



120.1310, -38.5186, 81.4461



99.6310, -0.3111, 6.4626



55.4610, -8.6083, 101.3277



13.9970, -1.9705, 25.4356

Inverse Universe

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



97.4610, -8.6083, 101.3277



89.5250, -12.0908, 145.1216



134.8690, 38.5186, -81.4461



99.6310, -0.3111, 6.4626



55.4610, -8.6083, 101.3277



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 97.4610, -8.6083, 101.3277 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 97.4610, -8.6083, 101.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

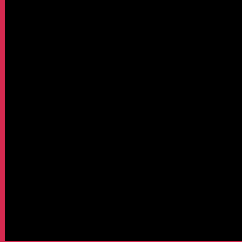
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.4610, -8.6083, 101.3277

Background



This preview shows how black text looks on a background with the YUV color 97.4610, -8.6083, 101.3277.



This preview shows how white text looks on a background with the YUV color 97.4610, -8.6083,

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

97.4610, -8.6083, 101.3277

Protanopia

113.5550, -1.7526, 2.1443

Deuteranopia

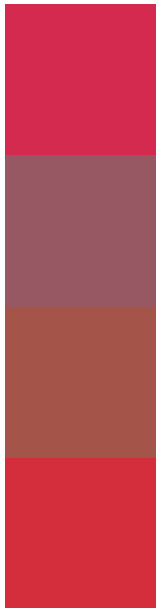
112.4530, -20.4363, 21.5277



Tritanopia

97.8510, -23.5905, 100.1087

Trichromacy



Original Color

97.4610, -8.6083, 101.3277

Protanomaly

107.5040, -4.1925, 38.1460

Deuteranomaly

107.0790, -16.3079, 50.7967

Tritanomaly

97.3440, -17.9176, 100.5533

Monochromacy



Original Color

97.4610, -8.6083, 101.3277

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1340, -3.0241, 36.7165

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.4610, -8.6083, 101.3277 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(213, 42, 80)` looks like.

```
.text, #text, p{  
    color:rgb(213, 42, 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(213, 42, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 42, 80) }
```

Border

The CSS property to change the border of an element to YUV 97.4610, -8.6083, 101.3277 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(213, 42, 80) }
```


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

```
.border{ border-color:rgb(213, 42, 80) }
```

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

Here you see how a box with a 4 pixel rgb(213, 42, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 42, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 42, 80);  
box-shadow:4px 4px 4px 4px rgb(213, 42,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 97.4610, -8.6083, 101.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 42, 80) }
```

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

```
.background{ background-color: rgb(213, 42,  
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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