

Converting Colors

YUV(84.0010, 29.0865, 50.8651)

Have a look what the booklet for
YUV(84.0010, 29.0865, 50.8651)
contains.

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Color

**YUV(84.0010, 29.0865,
50.8651)**

Conversions

Conversions Part 1

Format	Color
Hex	8E2B8F
RGB	142, 43, 143
RGB Percent	56%, 17%, 56%
CMY	0.4431, 0.8314, 0.4392
CMYK	0.01, 0.70, 0.00, 0.44
HSL	299°, 54%, 36%
HSV	299°, 70%, 56%
XYZ	16.9771, 9.4617, 26.9181
YIQ	84.0010, 26.9040, 52.0880

Conversions

Conversions Part 2

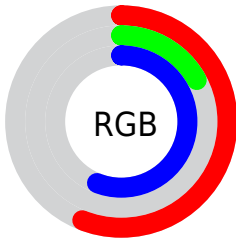
Format	Color
R_{YB}	142, 43, 143
Decimal	9317263
CIE _{Lab}	36.86, 53.75, -34.39
CIE _{LCh}	37, 63.808, 327.389
Yxy	9.4617, 0.3182, 0.1773
Android (android.graphics.Color)	4287507343 (0xFF8E2B8F)
YUV	84.0010, 29.0865, 50.8651
Hunter-Lab	30.7599, 44.6887, -30.3530

Details

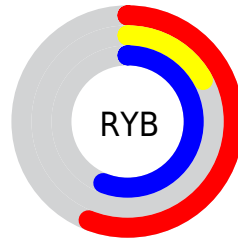
The YUV color **84.0010, 29.0865, 50.8651** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **101.9990, -29.0865, -50.8651**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1860, 28.5023, 51.5799**, and **36.8000, 27.2136, 44.9024** is the 20% darker color. If you saturate the color by 10%, you get **75.7830, 33.1380, 58.0723**, and if you desaturate by 10%, it is **92.2190, 25.0350, 43.6579**.

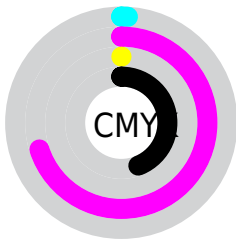
Distribution



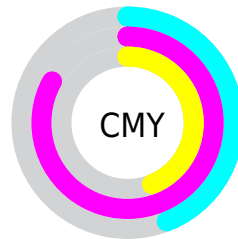
- Red (56%)
- Green (17%)
- Blue (56%)



- Red (56%)
- Yellow (17%)
- Blue (56%)



- Cyan (1%)
- Magenta (70%)
- Yellow (0%)
- Black (44%)





- Cyan (44%)
- Magenta (83%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.0010, 29.0865, 50.8651 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 84.0010, 29.0865, 50.8651 by changing the saturation by 10% instead.


 84.0010, 29.0865,
50.8651


 84.0010, 29.0865,
50.8651


255.0000, 0.0000,
0.0000


 51.2450, 32.4172,
55.9131


 139.1860, 28.5023,
51.5799


 36.8000, 27.2136,
44.9024

 166.8980, 28.6443,
52.7095


 26.2900, 20.5630,
31.3177

 194.4250, 29.3705,
53.1243

 16.4920, 14.0544,
18.8625

 210.9750, 21.7043,
38.6099

 3.2090, 9.7570,
-2.8143

 227.4110, 13.6014,
24.1956

 0.0000, 0.0000,
0.0000

 244.4340, 5.2090,

9.2664

■ 84.0010, 29.0865,
50.8651

■ 84.0010, 29.0865,
50.8651

■ 75.7830, 33.1380,
58.0723

■ 92.2190, 25.0350,
43.6579

■ 66.9780, 37.4788,
65.7943

■ 101.0240, 20.6942,
35.9360

■ 58.7600, 41.5303,
73.0015

■ 109.2420, 16.6427,
28.7288

■ 117.7590, 12.4438,
22.1364

■ 125.9770, 8.3923,
14.9292

■ 134.7820, 4.0515,
7.2072

■ 143.0000, 0.0000,
0.0000

■ 151.2180, -4.0515,
-7.2072

■ 160.0230, -8.3923,
-14.9292

Harmonies

Analogous

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



84.1650, 46.7537, -15.9307



84.0010, 29.0865, 50.8651



61.8450, 15.8524, 95.7289

Triad

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



84.0010, 29.0865, 50.8651



81.6110, -40.2342, 24.8972



78.5580, 26.8399, -68.8954

Complementary

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



84.0010, 29.0865, 50.8651



101.9990, -29.0865, -50.8651

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.



72.6300, 4.1264, -63.6965



84.0010, 29.0865, 50.8651



74.8790, -36.9153, -13.0489

Square

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



84.0010, 29.0865, 50.8651



79.4720, -39.1797, 60.0991



63.7840, -19.6135, -55.9386



81.4710, 45.6168, -71.4501

Rectangle

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



84.0010, 29.0865, 50.8651



62.9750, -1.4667, 97.3689



63.7840, -19.6135, -55.9386



76.6200, 19.4143, -67.1957

Sweetspot

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



84.0010, 29.0865, 50.8651



163.1070, 11.2862, 20.0772



55.5740, 43.1010, -11.0274



80.4990, 6.6560, 11.8404



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0010, 29.0865, 50.8651



94.1290, 45.2924, 79.6939



78.8280, 7.9728, 56.2788



66.8910, 2.0257, 3.6036



55.4560, 39.2152, 68.8831



3.3040, 2.3151, 4.1184

Inverse Universe

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



73.0140, -14.3039, 61.3777



76.7580, -22.5587, 95.8052



107.1720, -7.9728, -56.2788



66.0930, -1.0318, 4.3034



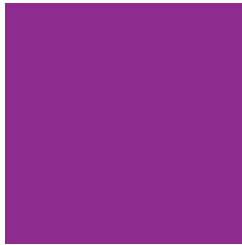
40.4790, -19.4631, 82.8949



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 84.0010, 29.0865, 50.8651 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

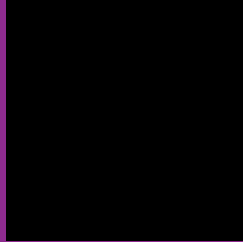
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0010, 29.0865, 50.8651

Background



This preview shows how black text looks on a background with the YUV color 84.0010, 29.0865, 50.8651.



This preview shows how white text looks on a background with the YUV color 84.0010, 29.0865,

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

84.0010, 29.0865, 50.8651

Protanopia

69.8280, 54.3148, -61.2392

Deuteranopia

85.9970, 24.6515, -20.1684



Tritanopia

87.6030, -7.6923, 40.6902

Trichromacy



Original Color

84.0010, 29.0865, 50.8651



Protanomaly

75.0890, 45.3121, -20.2491



Deuteranomaly

85.6180, 26.3173, 5.5970



Tritanomaly

86.1810, 5.8268, 44.5683

Monochromacy



Original Color

84.0010, 29.0865, 50.8651



Achromatopsia

84.0000, 0.0000, 0.0000



Achromatomaly

83.8680, 10.4181, 18.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0010, 29.0865, 50.8651 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(142, 43, 143)` looks like.

```
.text, #text, p{  
    color:rgb(142, 43, 143)  
}
```

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(142, 43, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 43, 143) }
```

Border

The CSS property to change the border of an element to YUV 84.0010, 29.0865, 50.8651 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(142, 43, 143) }
```


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

```
.border{ border-color:rgb(142, 43, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 43, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 43, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 43, 143);  
box-shadow:4px 4px 4px 4px rgb(142, 43,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 84.0010, 29.0865, 50.8651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 43, 143) }
```

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

```
.background{ background-color: rgb(142, 43,  
143) }
```

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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