

Converting Colors

YUV(84.1210, 10.2933, 58.6529)

Have a look what the booklet for
YUV(84.1210, 10.2933, 58.6529)
contains.

YUV(84.1210, 10.2933, 58.6529)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(84.1210, 10.2933,
58.6529)**

Conversions

Conversions Part 1

Format	Color
Hex	972E69
RGB	151, 46, 105
RGB Percent	59%, 18%, 41%
CMY	0.4078, 0.8196, 0.5882
CMYK	0.00, 0.70, 0.30, 0.41
HSL	326°, 53%, 39%
HSV	326°, 70%, 59%
XYZ	16.2893, 9.5532, 14.3500
YIQ	84.1210, 43.6410, 40.6090

Conversions

Conversions Part 2

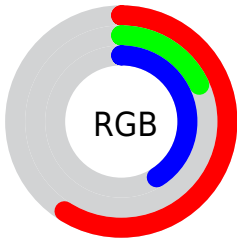
Format	Color
RYB	151, 46, 105
Decimal	9907817
CIELab	37.03, 49.16, -10.35
CIELCh	37, 50.239, 348.109
Yxy	9.5532, 0.4053, 0.2377
Android (android.graphics.Color)	4288097897 (0xFF972E69)
YUV	84.1210, 10.2933, 58.6529
Hunter-Lab	30.9083, 39.9836, -5.8912

Details

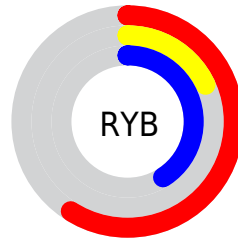
The YUV color **84.1210, 10.2933, 58.6529** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **112.8790, -10.2933, -58.6529**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6760, 8.5407, 60.7971**, and **35.3160, 11.1832, 53.2199** is the 20% darker color. If you saturate the color by 10%, you get **74.5180, 11.5766, 67.0747**, and if you desaturate by 10%, it is **93.7240, 9.0101, 50.2311**.

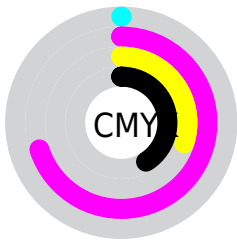
Distribution



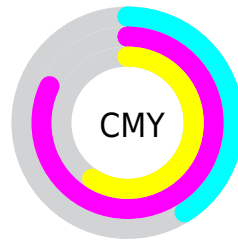
- Red (59%)
- Green (18%)
- Blue (41%)



- Red (59%)
- Yellow (18%)
- Blue (41%)



- Cyan (0%)
- Magenta (70%)
- Yellow (30%)
- Black (41%)



- Cyan (41%)
- Magenta (82%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.1210, 10.2933, 58.6529 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 84.1210, 10.2933, 58.6529 by changing the saturation by 10% instead.

84.1210, 10.2933,
58.6529

84.1210, 10.2933,
58.6529

255.0000, 0.0000,
0.0000

53.6420, 13.4875,
60.8270

138.6760, 8.5407,
60.7971

35.3160, 11.1832,
53.2199

166.5730, 8.0985,
62.6415

24.7350, 5.5536,
38.8204

190.6970, 10.0094,
56.3937

15.3500, -0.6655,
26.8800

210.3250, 14.1368,
39.1800

0.0000, 0.0000,
0.0000

228.5850, 13.0226,
23.1660

245.6080, 4.6303,

8.2368

■ 84.1210, 10.2933,
58.6529

■ 84.1210, 10.2933,
58.6529

■ 74.5180, 11.5766,
67.0747

■ 93.7240, 9.0101,
50.2311

■ 65.0290, 13.2967,
75.3966

■ 103.2130, 7.2900,
41.9092

■ 55.4260, 14.5800,
83.8184

■ 112.8160, 6.0067,
33.4874

■ 54.8390, 14.8694,
84.3332

■ 122.3050, 4.2866,
25.1655

■ 132.4950, 2.7140,
16.2289

■ 142.0980, 1.4307,
7.8071

■ 151.5870, -0.2894,
-0.5148

■ 161.1900, -1.5727,
-8.9366

■ 170.7930, -2.8559,
-17.3585

Harmonies

Analogous

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



89.3370, 25.9629, 26.0145



84.1210, 10.2933, 58.6529



81.0670, -7.9210, 67.4702

Triad

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



84.1210, 10.2933, 58.6529



79.4080, -39.1481, 3.1502



77.2190, 34.4020, -67.7211

Complementary

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



84.1210, 10.2933, 58.6529



112.8790, -10.2933, -58.6529

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.



74.2890, 18.0985, -65.1515



84.1210, 10.2933, 58.6529



71.1500, -21.2730, -36.9656

Square

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



84.1210, 10.2933, 58.6529



81.9540, -40.4033, 32.4893



68.9140, 0.0424, -60.4376



75.9770, 44.8743, -66.6318

Rectangle

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



84.1210, 10.2933, 58.6529



82.1790, -21.2872, 61.2330



68.9140, 0.0424, -60.4376



76.5520, 29.3079, -67.1361

Sweetspot

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



84.1210, 10.2933, 58.6529



169.8810, 4.0027, 22.9064



71.7240, 39.0831, 17.7821



83.7720, 2.5774, 13.3550



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



84.1210, 10.2933, 58.6529



92.2250, 16.1581, 91.0107



78.1930, -12.4201, 63.8517



71.8480, 0.5679, 4.5183



50.8660, 13.8701, 78.1705



4.6850, 1.1413, 7.2923

Inverse Universe

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



84.1210, 10.2933, 58.6529



92.2250, 16.1581, 91.0107



118.8070, 12.4201, -63.8517



71.8480, 0.5679, 4.5183



50.8660, 13.8701, 78.1705



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 84.1210, 10.2933, 58.6529 looks on a white background.

Color Contrast Check

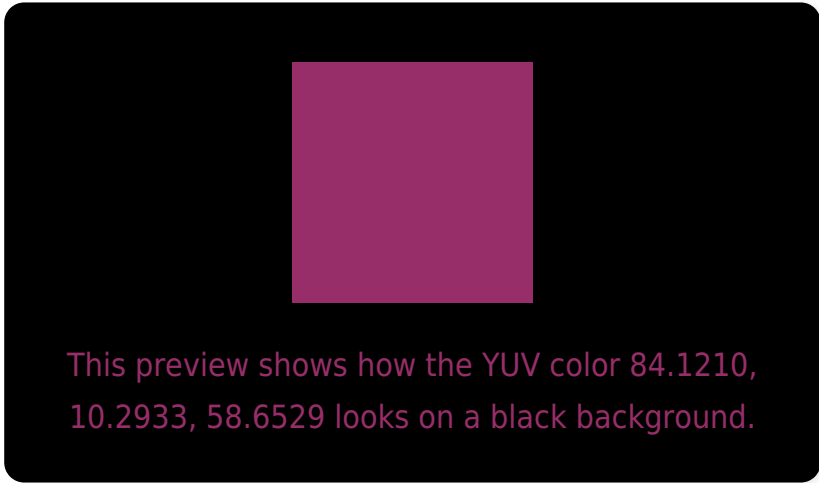
Large Text (above 18pt) WCAG AA ✓ Pass

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

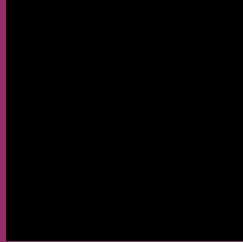
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.1210, 10.2933, 58.6529

Background



This preview shows how black text looks on a background with the YUV color 84.1210, 10.2933, 58.6529.



This preview shows how white text looks on a background with the YUV color 84.1210, 10.2933,

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

84.1210, 10.2933, 58.6529

Protanopia

87.8730, 22.7406, -13.9206

Deuteranopia

88.9770, 4.9413, 1.7742



Tritanopia

85.2520, -11.9562, 55.0300

Trichromacy



Original Color

84.1210, 10.2933, 58.6529

Protanomaly

86.4850, 18.0019, 12.7297

Deuteranomaly

86.9780, 6.9128, 22.8213

Tritanomaly

85.0270, -3.9573, 56.1043

Monochromacy



Original Color

84.1210, 10.2933, 58.6529

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8700, 4.0081, 21.1620

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1210, 10.2933, 58.6529 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(151, 46, 105)` looks like.

```
.text, #text, p{  
    color:rgb(151, 46, 105)  
}
```

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(151, 46, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 46, 105) }
```

Border

The CSS property to change the border of an element to YUV 84.1210, 10.2933, 58.6529 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(151, 46, 105) }
```


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

```
.border{ border-color:rgb(151, 46, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 46, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 46, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 46, 105);  
box-shadow:4px 4px 4px 4px rgb(151, 46,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 84.1210, 10.2933, 58.6529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 46, 105) }
```

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

```
.background{ background-color: rgb(151, 46,  
105) }
```

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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