

Converting Colors

YUV(53.7140, 14.4380, 82.6888)

Have a look what the booklet for
YUV(53.7140, 14.4380, 82.6888)
contains.

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Color

**YUV(53.7140, 14.4380,
82.6888)**

Conversions

Conversions Part 1

Format	Color
Hex	940053
RGB	148, 0, 83
RGB Percent	58%, 0%, 33%
CMY	0.4196, 1.0000, 0.6745
CMYK	0.00, 1.00, 0.44, 0.42
HSL	326°, 100%, 29%
HSV	326°, 100%, 58%
XYZ	13.7741, 6.9204, 8.7934
YIQ	53.7140, 61.5650, 57.1890

Conversions

Conversions Part 2

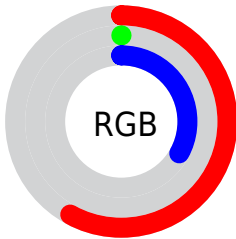
Format	Color
R_{YB}	148, 0, 83
Decimal	9699411
CIE _{Lab}	31.63, 57.35, -4.34
CIE _{LCh}	32, 57.513, 355.675
Yxy	6.9204, 0.4671, 0.2347
Android (android.graphics.Color)	4287889491 (0xFF940053)
YUV	53.7140, 14.4380, 82.6888
Hunter-Lab	26.3067, 47.4250, -1.4039

Details

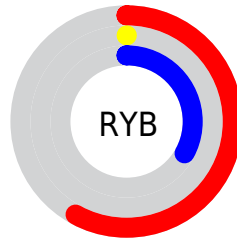
The YUV color **53.7140, 14.4380, 82.6888** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **94.2860, -14.4380, -82.6888**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.3790, 5.7292, 75.9666**, and **31.5410, 3.1843, 52.1455** is the 20% darker color. If you saturate the color by 10%, you get **53.7140, 14.4380, 82.6888**, and if you desaturate by 10%, it is **63.2030, 12.7179, 74.3670**.

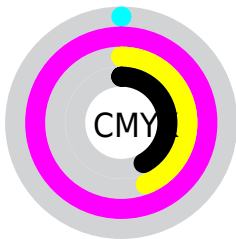
Distribution



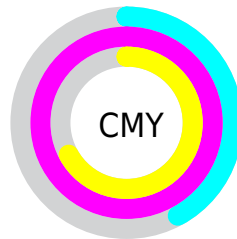
- Red (58%)
- Green (0%)
- Blue (33%)



- Red (58%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (42%)





- Cyan (42%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 53.7140, 14.4380, 82.6888 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 53.7140, 14.4380, 82.6888 by changing the saturation by 10% instead.


 53.7140, 14.4380,
82.6888


 53.7140, 14.4380,
82.6888


255.0000, 0.0000,
0.0000

 42.4210, 8.6664,
67.1598


 120.3790, 5.7292,
75.9666

 31.5410, 3.1843,
52.1455

 148.7490, 4.5607,
77.3961


 21.4870, -1.7191,
38.1609

 173.6450, 5.5980,
71.3483

 10.5790, -4.7224,
21.4172

 193.2730, 9.7254,
54.1346

 0.0000, 0.0000,
0.0000

 212.9010, 13.8528,
36.9208

 231.5200, 11.5756,

20.5920

■ 249.1300, 2.8939,
5.1480

■ 53.7140, 14.4380,
82.6888

■ 63.2030, 12.7179,
74.3670

■ 72.8060, 11.4346,
65.9451

■ 81.7080, 10.0040,
58.1381

■ 91.3110, 8.7207,
49.7163

■ 100.8000, 7.0006,
41.3944

■ 110.4030, 5.7173,
32.9726

■ 120.0060, 4.4340,
24.5507

■ 128.9080, 3.0034,
16.7437

■ 138.5110, 1.7201,
8.3219

Harmonies

Analogous

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



72.8490, 26.2034, 42.2284



53.7140, 14.4380, 82.6888



58.9760, -9.8482, 78.9510

Triad

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



53.7140, 14.4380, 82.6888



64.8670, -31.9794, -9.5304



70.4030, 38.7483, -61.7434

Complementary

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



53.7140, 14.4380, 82.6888



94.2860, -14.4380, -82.6888

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.



67.4730, 22.4448, -59.1738



53.7140, 14.4380, 82.6888



54.6540, -19.0564, -47.9316

Square

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



53.7140, 14.4380, 82.6888



70.0930, -34.5558, 23.5974



62.1150, 1.9153, -54.4749



67.0580, 48.7784, -58.8099

Rectangle

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



53.7140, 14.4380, 82.6888



65.5400, -28.8602, 63.5474



62.1150, 1.9153, -54.4749



69.8500, 34.0909, -61.2584

Sweetspot

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



53.7140, 14.4380, 82.6888



154.6910, 5.5753, 31.8430



36.0080, 55.2121, 24.5490



74.7450, 3.5767, 19.5176



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



53.7140, 14.4380, 82.6888



69.3070, 18.5826, 106.7248



45.3920, -17.4483, 89.9872



69.5490, 0.7153, 3.9035



50.0400, 13.2913, 77.1409



3.6740, 1.1467, 5.5479

Inverse Universe

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



53.7140, 14.4380, 82.6888



69.3070, 18.5826, 106.7248



102.6080, 17.4483, -89.9872



69.5490, 0.7153, 3.9035



50.0400, 13.2913, 77.1409



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 53.7140, 14.4380, 82.6888 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

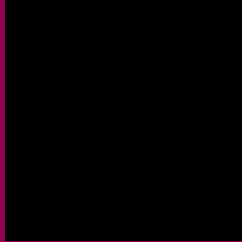
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.7140, 14.4380, 82.6888

Background



This preview shows how black text looks on a background with the YUV color 53.7140, 14.4380, 82.6888.



This preview shows how white text looks on a background with the YUV color 53.7140, 14.4380,

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

53.7140, 14.4380, 82.6888

Protanopia

76.7160, 20.8460, -12.9059

Deuteranopia

78.2180, -0.6005, 5.9478



Tritanopia

66.6020, -16.0728, 68.7550

Trichromacy



Original Color

53.7140, 14.4380, 82.6888

Protanomaly

68.0670, 18.7010, 21.8662

Deuteranomaly

69.4740, 4.6963, 33.7873

Tritanomaly

61.9090, -4.8851, 73.7478

Monochromacy



Original Color

53.7140, 14.4380, 82.6888

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.6800, 5.5808, 30.0986

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.7140, 14.4380, 82.6888 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(148, 0, 83)` looks like.

```
.text, #text, p{  
    color:rgb(148, 0, 83)  
}
```

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(148, 0, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 83) }
```

Border

The CSS property to change the border of an element to YUV 53.7140, 14.4380, 82.6888 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(148, 0, 83) }
```


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

```
.border{ border-color:rgb(148, 0, 83) }
```

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

Here you see how a box with a 4 pixel rgb(148, 0, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 0, 83);  
box-shadow:4px 4px 4px 4px rgb(148, 0, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.7140, 14.4380, 82.6888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 83) }
```

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

```
.background{ background-color: rgb(148, 0,  
83) }
```

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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