

Converting Colors

YUV(96.8140, -14.2053,
76.4621)

Have a look what the booklet for
YUV(96.8140, -14.2053, 76.4621)
contains.

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Color

**YUV(96.8140, -14.2053,
76.4621)**

Conversions

Conversions Part 1

Format	Color
Hex	B83A44
RGB	184, 58, 68
RGB Percent	72%, 23%, 27%
CMY	0.2784, 0.7725, 0.7333
CMYK	0.00, 0.68, 0.63, 0.28
HSL	355°, 52%, 47%
HSV	355°, 68%, 72%
XYZ	22.3236, 13.6338, 6.9238
YIQ	96.8140, 71.8860, 29.8220

Conversions

Conversions Part 2

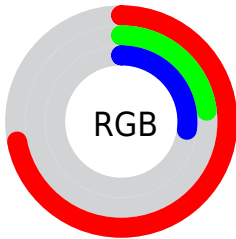
Format	Color
RYB	184, 58, 68
Decimal	12073540
CIELab	43.70, 51.15, 23.11
CIElCh	44, 56.129, 24.311
Yxy	13.6338, 0.5206, 0.3179
Android (android.graphics.Color)	4290263620 (0xFFB83A44)
YUV	96.8140, -14.2053, 76.4621
Hunter-Lab	36.9240, 43.3010, 14.7290

Details

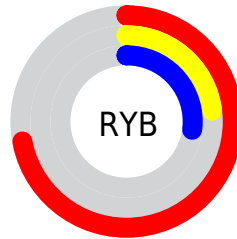
The YUV color **96.8140, -14.2053, 76.4621** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **145.1860, 14.2053, -76.4621**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8100, -18.1473, 80.8506**, and **39.9260, -7.3585, 73.7329** is the 20% darker color. If you saturate the color by 10%, you get **84.3100, -16.4218, 87.4281**, and if you desaturate by 10%, it is **109.3180, -11.9888, 65.4961**.

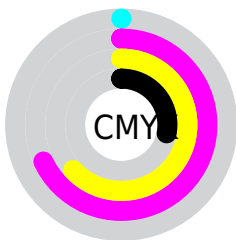
Distribution



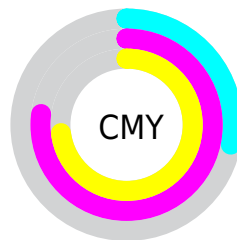
- Red (72%)
- Green (23%)
- Blue (27%)



- Red (72%)
- Yellow (23%)
- Blue (27%)



- Cyan (0%)
- Magenta (68%)
- Yellow (63%)
- Black (28%)



- Cyan (28%)
- Magenta (77%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8140, -14.2053, 76.4621 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 96.8140, -14.2053, 76.4621 by changing the saturation by 10% instead.

■ 96.8140, -14.2053,
76.4621

■ 96.8140, -14.2053,
76.4621

255.0000, 0.0000,
0.0000

■ 67.1390, -10.4215,
76.1771

■ 152.8100,
-18.1473, 80.8506

■ 39.9260, -7.3585,
73.7329

■ 174.6130,
-16.0782, 70.4994

■ 28.7040, -14.1511,
59.0186

■ 194.0130,
-12.8244, 53.4856

■ 20.1470, -9.4395,
41.0901

■ 213.5270, -9.1338,
36.3718

■ 11.4760, -5.1647,
23.2615

■ 233.7420, -5.2958,
18.6433

■ 0.0000, 0.0000,
0.0000

254.0710, -1.0210,

0.8147

■ 96.8140, -14.2053,
76.4621

■ 96.8140, -14.2053,
76.4621

■ 84.3100, -16.4218,
87.4281

■ 109.3180,
-11.9888, 65.4961

■ 71.2190, -18.3490,
98.9089

■ 122.4090,
-10.0616, 54.0153

■ 58.7150, -20.5655,
109.8749

■ 134.9130, -7.8451,
43.0493

■ 56.7260, -20.5709,
111.6193

■ 148.0040, -5.9180,
31.5685

■ 160.5080, -3.7014,
20.6025

■ 173.0120, -1.4849,
9.6365

■ 186.1030, 0.4422,
-1.8443

■ 198.6070, 2.6587,
-12.8103

■ 211.5840, 4.1491,
-24.1912

Harmonies

Analogous

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



98.8130, 7.4872, 72.0780



96.8140, -14.2053, 76.4621



98.2700, -36.1221, 59.3992

Triad

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



96.8140, -14.2053, 76.4621



76.4670, -15.5132, -64.4306



88.0880, 53.2006, -77.2532

Complementary

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



96.8140, -14.2053, 76.4621



145.1860, 14.2053, -76.4621

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.



91.4330, 43.1705, -80.1867



96.8140, -14.2053, 76.4621



83.3900, 4.7377, -73.1330

Square

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



96.8140, -14.2053, 76.4621



92.0560, -45.3836, -3.5571



88.7480, 25.2672, -77.8320



102.1280, 42.8279, -16.7753

Rectangle

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



96.8140, -14.2053, 76.4621



97.3590, -47.9980, 41.7812



88.7480, 25.2672, -77.8320



89.5070, 51.0220, -78.4976

Sweetspot

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



96.8140, -14.2053, 76.4621



204.7050, -5.7706, 30.9537



106.7490, 38.0847, 58.1021



99.1980, -3.5486, 18.2434



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



96.8140, -14.2053, 76.4621



103.7270, -22.0504, 119.5114



126.7850, -33.9110, 50.1776



85.6910, -1.3267, 5.5330



48.0120, -17.7539, 94.7055



8.6000, -3.2538, 17.0138

Inverse Universe

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



96.8140, -14.2053, 76.4621



103.7270, -22.0504, 119.5114



115.8020, 33.6216, -50.6924



85.6910, -1.3267, 5.5330



48.0120, -17.7539, 94.7055



8.6000, -3.2538, 17.0138

Previews

White Background



This preview shows how the YUV color 96.8140, -14.2053, 76.4621 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 96.8140, -14.2053, 76.4621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

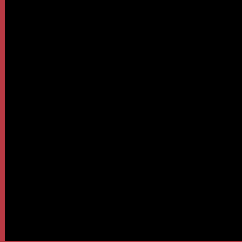
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.8140, -14.2053, 76.4621

Background



This preview shows how black text looks on a background with the YUV color 96.8140, -14.2053, 76.4621.



This preview shows how white text looks on a background with the YUV color 96.8140, -14.2053,

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

96.8140, -14.2053, 76.4621

Protanopia

103.8560, -8.3100, 5.3883

Deuteranopia

102.8550, -20.1415, 20.2982



Tritanopia

96.7170, -17.1155, 76.5472

Trichromacy



Original Color

96.8140, -14.2053, 76.4621

Protanomaly

101.1520, -10.4279, 31.4387

Deuteranomaly

100.5570, -18.0226, 40.7305

Tritanomaly

96.9450, -16.2419, 76.3472

Monochromacy



Original Color

96.8140, -14.2053, 76.4621

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0960, -5.4703, 27.9798

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8140, -14.2053, 76.4621 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(184, 58, 68)` looks like.

```
.text, #text, p{  
    color:rgb(184, 58, 68)  
}
```

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(184, 58, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 58, 68) }
```

Border

The CSS property to change the border of an element to YUV 96.8140, -14.2053, 76.4621 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(184, 58, 68) }
```


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

```
.border{ border-color:rgb(184, 58, 68) }
```

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

Here you see how a box with a 4 pixel rgb(184, 58, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 58, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 58, 68);  
box-shadow:4px 4px 4px 4px rgb(184, 58,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 96.8140, -14.2053, 76.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 58, 68) }
```

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

```
.background{ background-color: rgb(184, 58,  
68) }
```

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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