

Converting Colors

YUV(100.7600, 14.4153,
43.1835)

Have a look what the booklet for
YUV(100.7600, 14.4153, 43.1835)
contains.

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Color

**YUV(100.7600, 14.4153,
43.1835)**

Conversions

Conversions Part 1

Format	Color
Hex	964682
RGB	150, 70, 130
RGB Percent	59%, 27%, 51%
CMY	0.4118, 0.7255, 0.4902
CMYK	0.00, 0.53, 0.13, 0.41
HSL	315°, 36%, 43%
HSV	315°, 53%, 59%
XYZ	18.7971, 12.4761, 22.5365
YIQ	100.7600, 28.4200, 35.6200

Conversions

Conversions Part 2

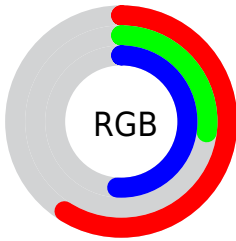
Format	Color
R_{YB}	150, 70, 130
Decimal	9848450
CIE _{Lab}	41.96, 41.47, -18.37
CIE _{LCh}	42, 45.355, 336.108
Yxy	12.4761, 0.3493, 0.2319
Android (android.graphics.Color)	4288038530 (0xFF964682)
YUV	100.7600, 14.4153, 43.1835
Hunter-Lab	35.3215, 33.1802, -13.1044

Details

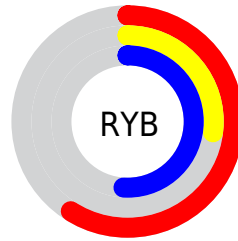
The YUV color **100.7600, 14.4153, 43.1835** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **119.2400, -14.4153, -43.1835**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0700, 14.2625, 45.5426**, and **48.1020, 15.7257, 42.8835** is the 20% darker color. If you saturate the color by 10%, you get **91.4990, 17.0090, 51.3054**, and if you desaturate by 10%, it is **110.0210, 11.8216, 35.0616**.

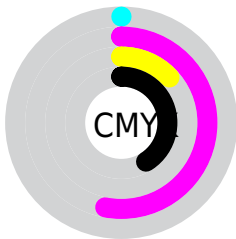
Distribution



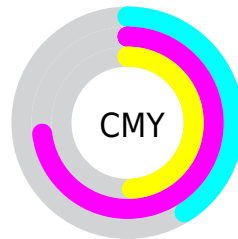
- Red (59%)
- Green (27%)
- Blue (51%)



- Red (59%)
- Yellow (27%)
- Blue (51%)



- Cyan (0%)
- Magenta (53%)
- Yellow (13%)
- Black (41%)





- Cyan (41%)
- Magenta (73%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.7600, 14.4153, 43.1835 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 100.7600, 14.4153, 43.1835 by changing the saturation by 10% instead.


 100.7600, 14.4153,
43.1835


 100.7600, 14.4153,
43.1835


255.0000, 0.0000,
0.0000


 75.1620, 14.7101,
41.9539


 154.0700, 14.2625,
45.5426


 48.1020, 15.7257,
42.8835


 181.1950, 14.6939,
47.1870


 27.7270, 14.4316,
37.9504

 206.8030, 15.8731,
42.2688

 18.4560, 8.6492,
25.9101

 225.0630, 14.7589,
26.2547

 4.8420, 3.0359,
6.2776

 241.4990, 6.6560,
11.8404

 0.0000, 0.0000,
0.0000

100.7600, 14.4153,
43.1835

100.7600, 14.4153,
43.1835

91.4990, 17.0090,
51.3054

110.0210, 11.8216,
35.0616

82.3520, 20.0395,
59.3273

119.2820, 9.2280,
26.9397

73.0910, 22.6331,
67.4492

128.4290, 6.1975,
18.9178

63.8300, 25.2268,
75.5711

137.6900, 3.6038,
10.7959

57.7320, 27.2471,
80.9190

146.9510, 1.0102,
2.6740

156.2120, -1.5835,
-5.4479

165.3590, -4.6140,
-13.4698

174.6200, -7.2077,

-21.5917

■ 183.8810, -9.8013,
-29.7136

Harmonies

Analogous

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



101.6120, 28.7853, 7.3563



100.7600, 14.4153, 43.1835



97.2170, -2.0790, 60.3227

Triad

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



100.7600, 14.4153, 43.1835



93.4850, -39.1861, 15.3607



84.2800, 28.4560, -73.9136

Complementary

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



100.7600, 14.4153, 43.1835



119.2400, -14.4153, -43.1835

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.



80.7630, 12.4418, -70.8292



100.7600, 14.4153, 43.1835



89.3870, -27.3058, -15.2484

Square

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



100.7600, 14.4153, 43.1835



96.1320, -33.5891, 40.2262



75.1430, -4.0145, -65.9004



84.1950, 40.8229, -73.8390

Rectangle

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



100.7600, 14.4153, 43.1835



96.4160, -14.0091, 60.1482



75.1430, -4.0145, -65.9004



83.6130, 23.3618, -73.3286

Sweetspot

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



100.7600, 14.4153, 43.1835



174.8910, 5.4767, 16.7586



85.1000, 31.9957, 4.2973



85.2770, 3.3144, 10.2811



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.



100.7600, 14.4153, 43.1835



117.6780, 22.3437, 66.9344



96.2000, -3.0566, 47.1826



69.6630, 1.1521, 3.8035



53.0040, 24.6480, 74.5415



3.9020, 2.0203, 5.3479

Inverse Universe

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



100.7600, 14.4153, 43.1835



117.6780, 22.3437, 66.9344



123.8000, 3.0566, -47.1826



69.6630, 1.1521, 3.8035



53.0040, 24.6480, 74.5415



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 100.7600, 14.4153, 43.1835 looks on a white background.

Color Contrast Check

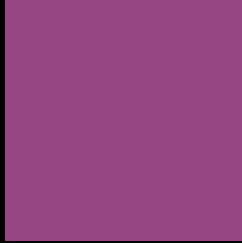
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.7600, 14.4153, 43.1835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

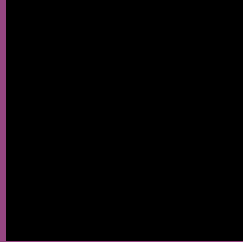
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.7600, 14.4153, 43.1835

Background



This preview shows how black text looks on a background with the YUV color 100.7600, 14.4153, 43.1835.



This preview shows how white text looks on a background with the YUV color 100.7600, 14.4153,

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

100.7600, 14.4153, 43.1835

Protanopia

99.0730, 26.0930, -15.8500

Deuteranopia

100.4800, 12.0884, -3.9290



Tritanopia

100.1190, -6.9607, 39.3606

Trichromacy



Original Color

100.7600, 14.4153, 43.1835

Protanomaly

99.7660, 21.8074, 5.4672

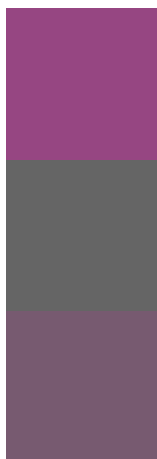
Deuteranomaly

100.8180, 12.9077, 13.3146

Tritanomaly

100.1930, 0.8909, 41.0497

Monochromacy



Original Color

100.7600, 14.4153, 43.1835

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1790, 5.3348, 15.6290

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7600, 14.4153, 43.1835 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(150, 70, 130)` looks like.

```
.text, #text, p{  
  color:rgb(150, 70, 130)  
}
```

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(150, 70, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 70, 130) }
```

Border

The CSS property to change the border of an element to YUV 100.7600, 14.4153, 43.1835 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(150, 70, 130) }
```


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

```
.border{ border-color:rgb(150, 70, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 70, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 70, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 70, 130);  
box-shadow:4px 4px 4px 4px rgb(150, 70,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 100.7600, 14.4153, 43.1835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 70, 130) }
```

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

```
.background{ background-color: rgb(150, 70,  
130) }
```

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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