

Converting Colors

YUV(100.8430, -4.8526,
63.2817)

Have a look what the booklet for
YUV(100.8430, -4.8526, 63.2817)
contains.

YUV(100.8430, -4.8526, 63.2817)	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(100.8430, -4.8526,
63.2817)**

Conversions

Conversions Part 1

Format	Color
Hex	AD425B
RGB	173, 66, 91
RGB Percent	68%, 26%, 36%
CMY	0.3216, 0.7412, 0.6431
CMYK	0.00, 0.62, 0.47, 0.32
HSL	346°, 45%, 47%
HSV	346°, 62%, 68%
XYZ	21.0701, 13.5360, 11.3997
YIQ	100.8430, 55.7470, 30.4590

Conversions

Conversions Part 2

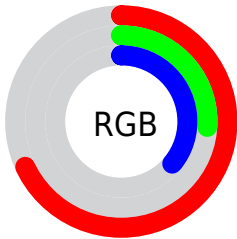
Format	Color
R_{YB}	173, 66, 91
Decimal	11354715
CIE _{Lab}	43.56, 45.88, 8.43
CIE _{LCh}	44, 46.651, 10.407
Yxy	13.5360, 0.4580, 0.2942
Android (android.graphics.Color)	4289544795 (0xFFAD425B)
YUV	100.8430, -4.8526, 63.2817
Hunter-Lab	36.7913, 37.8409, 7.3830

Details

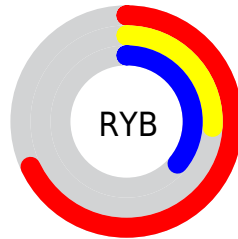
The YUV color **100.8430, -4.8526, 63.2817** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **138.1570, 4.8526, -63.2817**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2950, -7.0474, 67.2703**, and **41.6890, 2.1253, 65.1707** is the 20% darker color. If you saturate the color by 10%, you get **89.3820, -5.6113, 73.3330**, and if you desaturate by 10%, it is **112.3040, -4.0939, 53.2304**.

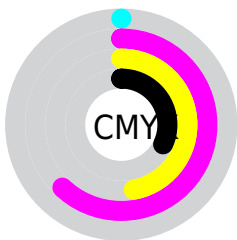
Distribution



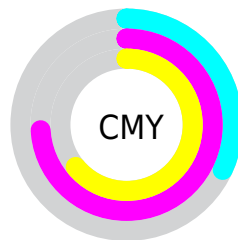
- Red (68%)
- Green (26%)
- Blue (36%)



- Red (68%)
- Yellow (26%)
- Blue (36%)



- Cyan (0%)
- Magenta (62%)
- Yellow (47%)
- Black (32%)



- Cyan (32%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.8430, -4.8526, 63.2817 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 100.8430, -4.8526, 63.2817 by changing the saturation by 10% instead.

100.8430, -4.8526,
63.2817

100.8430, -4.8526,
63.2817

255.0000, 0.0000,
0.0000

73.7010, -2.8106,
61.6522

155.2950, -7.0474,
67.2703

41.6890, 2.1253,
65.1707

180.9850, -6.8946,
64.9112

29.1620, -2.0519,
51.6009

200.4990, -3.2040,
47.7974

18.5380, -9.1392,
38.1162

220.1270, 0.9234,
30.5836

9.6820, -4.2802,
19.5729

239.8690, 5.4876,
13.2699

0.0000, 0.0000,
0.0000

■ 100.8430, -4.8526,
63.2817

■ 100.8430, -4.8526,
63.2817

■ 89.3820, -5.6113,
73.3330

■ 112.3040, -4.0939,
53.2304

■ 77.2200, -6.5175,
83.9991

■ 124.4660, -3.1877,
42.5643

■ 65.7590, -7.2762,
94.0504

■ 135.9270, -2.4290,
32.5130

■ 56.2870, -8.0295,
102.3573

■ 147.3880, -1.6703,
22.4617

■ 159.4360, -1.2009,
11.8956

■ 171.0110, -0.0054,
1.7444

■ 182.4720, 0.7533,
-8.3069

■ 193.9330, 1.5120,

-18.3582

■ 205.9810, 1.9814,
-28.9243

Harmonies

Analogous

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



104.3370, 12.6519, 48.8165



100.8430, -4.8526, 63.2817



100.5160, -22.4394, 57.4295

Triad

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



100.8430, -4.8526, 63.2817



92.3970, -25.8317, -21.3962



86.9820, 43.8859, -76.2832

Complementary

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



100.8430, -4.8526, 63.2817



138.1570, 4.8526, -63.2817

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.



87.7680, 31.6664, -76.9725



100.8430, -4.8526, 63.2817



79.1040, -1.5303, -69.3742

Square

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



100.8430, -4.8526, 63.2817



96.3490, -39.6121, 11.9719



84.2510, 15.6523, -73.8881



94.9200, 41.4514, -42.0258

Rectangle

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



100.8430, -4.8526, 63.2817



99.8060, -32.4424, 45.7741



84.2510, 15.6523, -73.8881



88.0590, 40.3969, -77.2277

Sweetspot

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



100.8430, -4.8526, 63.2817



195.6980, -1.8231, 24.8209



102.1180, 34.9448, 38.4845



94.4580, -1.2118, 15.3843



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



100.8430, -4.8526, 63.2817



112.0800, -7.4344, 98.1538



113.8420, -23.5861, 51.8816



80.9190, -0.4531, 5.3330



48.8400, -6.8231, 88.7173



7.4470, -1.2064, 13.6400

Inverse Universe

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



100.8430, -4.8526, 63.2817



112.0800, -7.4344, 98.1538



125.1580, 23.5861, -51.8816



80.9190, -0.4531, 5.3330



48.8400, -6.8231, 88.7173



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 100.8430, -4.8526, 63.2817 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 100.8430, -4.8526, 63.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

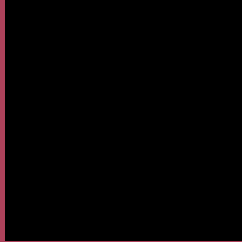
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.8430, -4.8526, 63.2817

Background



This preview shows how black text looks on a background with the YUV color 100.8430, -4.8526, 63.2817.



This preview shows how white text looks on a background with the YUV color 100.8430, -4.8526,

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

100.8430, -4.8526, 63.2817

Protanopia

103.9120, 3.4944, -0.7998

Deuteranopia

104.3840, -9.0633, 13.6952



Tritanopia

100.3670, -12.9989, 62.8221

Trichromacy



Original Color

100.8430, -4.8526, 63.2817

Protanomaly

102.9580, 0.5137, 21.9618

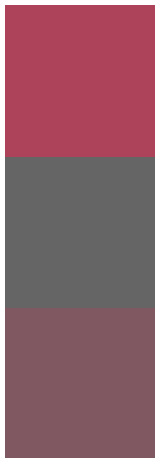
Deuteranomaly

103.2490, -7.5178, 31.3536

Tritanomaly

100.4640, -10.0888, 62.7371

Monochromacy



Original Color

100.8430, -4.8526, 63.2817

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.6870, -1.8177, 23.0765

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.8430, -4.8526, 63.2817 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(173, 66, 91)` looks like.

```
.text, #text, p{  
    color:rgb(173, 66, 91)  
}
```

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(173, 66, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 66, 91) }
```

Border

The CSS property to change the border of an element to YUV 100.8430, -4.8526, 63.2817 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(173, 66, 91) }
```


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

```
.border{ border-color:rgb(173, 66, 91) }
```

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

Here you see how a box with a 4 pixel rgb(173, 66, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 66, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 66, 91);  
box-shadow:4px 4px 4px 4px rgb(173, 66,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 100.8430, -4.8526, 63.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 66, 91) }
```

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

```
.background{ background-color: rgb(173, 66,  
91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor