

Converting Colors

YUV(100.2560, 14.6638,
-83.5395)

Have a look what the booklet for
YUV(100.2560, 14.6638, -83.5395)
contains.

YUV(100.2560, 14.6638, -83.5395)	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(100.2560, 14.6638,
-83.5395)**

Conversions

Conversions Part 1

Format	Color
Hex	058F82
RGB	5, 143, 130
RGB Percent	2%, 56%, 51%
CMY	0.9804, 0.4392, 0.4902
CMYK	0.97, 0.00, 0.09, 0.44
HSL	174°, 93%, 29%
HSV	174°, 97%, 56%
XYZ	13.9143, 21.2889, 24.4949
YIQ	100.2560, -78.0750, -33.2990

Conversions

Conversions Part 2

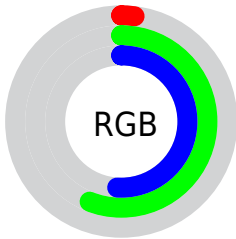
Format	Color
RYB	5, 77, 143
Decimal	364418
CIELab	53.26, -35.03, -2.22
CIELCh	53, 35.104, 183.620
Yxy	21.2889, 0.2331, 0.3566
Android (android.graphics.Color)	4278554498 (0xFF058F82)
YUV	100.2560, 14.6638, -83.5395
Hunter-Lab	46.1399, -26.9149, 0.8218

Details

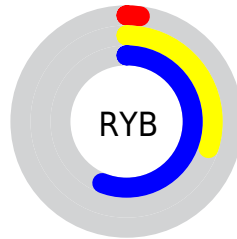
The YUV color **100.2560, 14.6638, -83.5395** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **47.7440, -14.6638, 83.5395**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5140, 10.0996, -66.2258**, and **63.2380, 8.7567, -55.4597** is the 20% darker color. If you saturate the color by 10%, you get **98.7610, 15.4008, -86.6134**, and if you desaturate by 10%, it is **104.5560, 13.0369, -75.0326**.

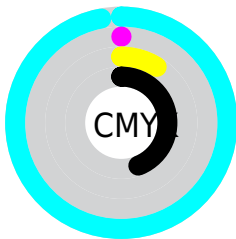
Distribution



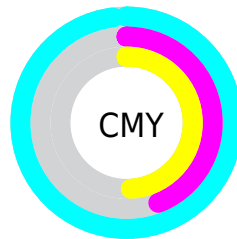
- Red (2%)
- Green (56%)
- Blue (51%)



- Red (2%)
- Yellow (30%)
- Blue (56%)



- Cyan (97%)
- Magenta (0%)
- Yellow (9%)
- Black (44%)



- Cyan (98%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.2560, 14.6638, -83.5395 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 100.2560, 14.6638, -83.5395 by changing the saturation by 10% instead.

■ 100.2560, 14.6638,
-83.5395

■ 100.2560, 14.6638,
-83.5395

■ 255.0000, 0.0000,
0.0000

■ 80.6490, 12.0050,
-70.7292

■ 162.5140, 10.0996,
-66.2258

■ 63.2380, 8.7567,
-55.4597

■ 191.5850, 9.0786,
-65.4110

■ 45.9410, 5.9451,
-40.2903

■ 220.5850, 9.0786,
-65.4110

■ 29.9320, 2.9915,
-26.2504

■ 231.0800, 11.7926,
-49.1822

■ 13.5640, 1.2009,
-11.8956

■ 239.7510, 7.5178,
-31.3536

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,

-12.9103

■ 100.2560, 14.6638,
-83.5395

■ 100.2560, 14.6638,
-83.5395

■ 98.7610, 15.4008,
-86.6134

■ 104.5560, 13.0369,
-75.0326

■ 109.2690, 11.6994,
-66.0109

■ 113.5690, 10.0725,
-57.5040

■ 117.8690, 8.4456,
-48.9971

■ 122.5820, 7.1081,
-39.9754

■ 126.8820, 5.4812,
-31.4685

■ 131.1820, 3.8543,
-22.9616

■ 135.5960, 2.6642,
-14.5547

■ 140.1950, 0.8899,
-5.4330

Harmonies

Analogous

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



115.8800, -8.3218, -37.6058



100.2560, 14.6638, -83.5395



101.5940, 28.7942, -89.0979

Triad

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



100.2560, 14.6638, -83.5395



129.9230, 23.7020, 4.4525



126.7600, -26.0107, 36.1675

Complementary

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



100.2560, 14.6638, -83.5395



47.7440, -14.6638, 83.5395

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.



127.7690, -16.1551, 48.4376



100.2560, 14.6638, -83.5395



130.7110, 11.9745, 32.7025

Square

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



100.2560, 14.6638, -83.5395



122.7550, 31.6728, -32.2341



129.7270, -2.3304, 47.5974



124.8300, -29.0032, 15.9351

Rectangle

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



100.2560, 14.6638, -83.5395



101.5430, 36.2143, -89.0532



129.7270, -2.3304, 47.5974



127.4770, -23.4062, 40.8007

Sweetspot

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



100.2560, 14.6638, -83.5395



169.2840, 5.7760, -32.6981



90.1920, -41.9997, -62.4354



83.7910, 3.5540, -19.9877



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



100.2560, 14.6638, -83.5395



128.4480, 19.9921, -112.6489



69.4530, 36.2587, -56.5253



68.9070, 1.0318, -4.3034



93.1530, 14.2216, -81.6952



5.4940, 0.7425, -4.8182

Inverse Universe

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



47.7440, -14.6638, 83.5395



57.6660, -19.5553, 112.5489



78.5470, -36.2587, 56.5253



66.2070, -0.5951, 4.2035



41.8470, -14.2216, 81.6952



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 100.2560, 14.6638, -83.5395 looks on a white 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

Black Background



This preview shows how the YUV color 100.2560, 14.6638, -83.5395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

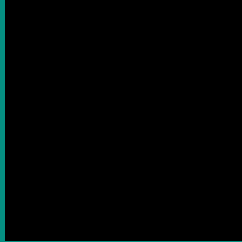
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 100.2560, 14.6638, -83.5395 Background



This preview shows how black text looks on a background with the YUV color 100.2560, 14.6638, -83.5395.

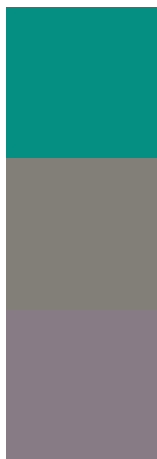


This preview shows how white text looks on a background with the YUV color 100.2560, 14.6638, -83.5395.

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

100.2560, 14.6638, -83.5395

Protanopia

126.5120, -3.2104, 3.0590

Deuteranopia

127.8420, 3.0359, 6.2776



Tritanopia

110.1580, 20.1351, -65.0366

Trichromacy



Original Color

100.2560, 14.6638, -83.5395

Protanomaly

117.0350, 3.4337, -28.0947

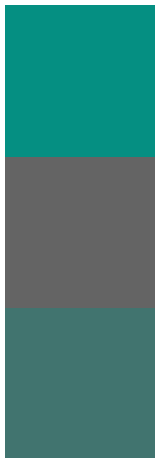
Deuteranomaly

117.7840, 7.5015, -26.1206

Tritanomaly

106.5440, 17.9728, -71.5141

Monochromacy



Original Color

100.2560, 14.6638, -83.5395

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1810, 5.3338, -30.8537

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.2560, 14.6638, -83.5395 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(5, 143, 130)` looks like.

```
.text, #text, p{  
    color:rgb(5, 143, 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(5, 143, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 143, 130) }
```

Border

The CSS property to change the border of an element to YUV 100.2560, 14.6638, -83.5395 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(5, 143, 130) }
```


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

```
.border{ border-color:rgb(5, 143, 130) }
```

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

Here you see how a box with a 4 pixel rgb(5, 143, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 143, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 143, 130);  
box-shadow:4px 4px 4px 4px rgb(5, 143,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 100.2560, 14.6638, -83.5395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 143, 130) }
```

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

```
.background{ background-color: rgb(5, 143,  
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](#).

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