

Converting Colors

YUV(101.6250, 18.4259,
-76.8471)

Have a look what the booklet for
YUV(101.6250, 18.4259, -76.8471)
contains.

YUV(101.6250, 18.4259, -76.8471)	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(101.6250, 18.4259,
-76.8471)**

Conversions

Conversions Part 1

Format	Color
Hex	0E8B8B
RGB	14, 139, 139
RGB Percent	5%, 55%, 55%
CMY	0.9451, 0.4549, 0.4549
CMYK	0.90, 0.00, 0.00, 0.45
HSL	180°, 82%, 30%
HSV	180°, 90%, 55%
XYZ	14.0739, 20.4227, 27.6263
YIQ	101.6250, -74.5000, -26.5000

Conversions

Conversions Part 2

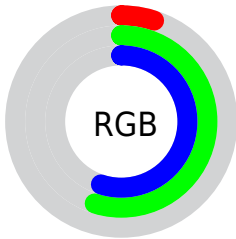
Format	Color
R_{YB}	14, 77, 139
Decimal	953227
CIE _{Lab}	52.31, -29.93, -8.84
CIE _{LCh}	52, 31.202, 196.450
Yxy	20.4227, 0.2265, 0.3287
Android (android.graphics.Color)	4279143307 (0xFF0E8B8B)
YUV	101.6250, 18.4259, -76.8471
Hunter-Lab	45.1915, -23.4950, -4.6109

Details

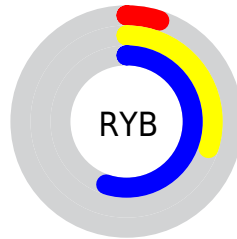
The YUV color **101.6250, 18.4259, -76.8471** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **51.3750, -18.4259, 76.8471**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0890, 14.7461, -63.2221**, and **61.8020, 13.4086, -54.2004** is the 20% darker color. If you saturate the color by 10%, you get **97.4390, 20.4896, -85.4540**, and if you desaturate by 10%, it is **105.8110, 16.3622, -68.2402**.

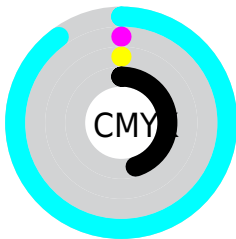
Distribution



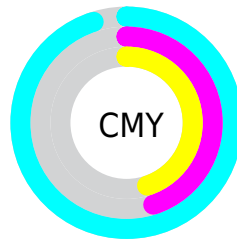
- Red (5%)
- Green (55%)
- Blue (55%)



- Red (5%)
- Yellow (30%)
- Blue (55%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.6250, 18.4259, -76.8471 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 101.6250, 18.4259, -76.8471 by changing the saturation by 10% instead.

■ 101.6250, 18.4259,
-76.8471

■ 101.6250, 18.4259,
-76.8471

■ 255.0000, 0.0000,
0.0000

■ 79.3270, 17.0938,
-69.5698

■ 162.0890, 14.7461,
-63.2221

■ 61.8020, 13.4086,
-54.2004

■ 190.3880, 14.5987,
-62.6073

■ 45.0920, 10.3076,
-39.5457

■ 219.3880, 14.5987,
-62.6073

■ 29.6700, 7.0647,
-26.0206

■ 231.6780, 11.4977,
-47.9526

■ 12.1280, 5.8529,
-10.6363

■ 240.6480, 7.0755,
-29.5093

■ 0.0000, 0.0000,
0.0000

■ 249.3190, 2.8007,

-11.6808

■ 101.6250, 18.4259,
-76.8471

■ 101.6250, 18.4259,
-76.8471

■ 97.4390, 20.4896,
-85.4540

■ 105.8110, 16.3622,
-68.2402

■ 109.9970, 14.2985,
-59.6334

■ 114.1830, 12.2348,
-51.0265

■ 118.3690, 10.1711,
-42.4196

■ 122.5550, 8.1074,
-33.8127

■ 126.4420, 6.1911,
-25.8206

■ 130.6280, 4.1274,
-17.2138

■ 134.8140, 2.0637,
-8.6069

■ 139.0000, 0.0000,
0.0000

Harmonies

Analogous

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



112.1980, -0.5906, -44.0236



101.6250, 18.4259, -76.8471



99.0010, 31.5515, -86.8239

Triad

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



101.6250, 18.4259, -76.8471



127.8660, 16.8281, 15.9035



123.9220, -25.1045, 25.5014

Complementary

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



101.6250, 18.4259, -76.8471



51.3750, -18.4259, 76.8471

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.



125.6170, -19.0382, 39.8009



101.6250, 18.4259, -76.8471



127.8980, 4.9803, 36.0465

Square

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



101.6250, 18.4259, -76.8471



124.5680, 25.3560, -12.7761



126.6250, -7.7031, 44.1789



121.7300, -24.0239, 5.4988

Rectangle

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



101.6250, 18.4259, -76.8471



110.9490, 30.5911, -58.7143



126.6250, -7.7031, 44.1789



124.5960, -23.9578, 31.0493

Sweetspot

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



101.6250, 18.4259, -76.8471



166.3490, 7.2229, -30.1241



87.3750, -36.1739, -64.3499



83.0300, 4.4222, -18.4433



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



101.6250, 18.4259, -76.8471



126.8810, 26.6807, -111.2746



65.2310, 36.3681, -44.9296



66.9070, 1.0318, -4.3034



93.2330, 19.6051, -81.7653



3.5050, 0.7370, -3.0739

Inverse Universe

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



65.6250, 36.1739, 64.3499



74.7530, 52.3798, 93.1786



88.3560, -36.6575, 44.4148



64.8910, 2.0257, 3.6036



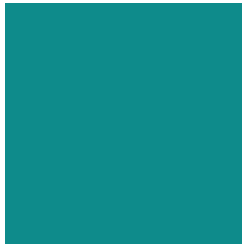
54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 101.6250, 18.4259, -76.8471 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 101.6250, 18.4259, -76.8471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

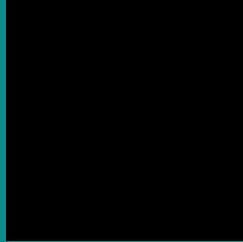
Any Text WCAG AA ✓ Pass

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 101.6250, 18.4259, -76.8471 Background



This preview shows how black text looks on a background with the YUV color 101.6250, 18.4259, -76.8471.



This preview shows how white text looks on a background with the YUV color 101.6250, 18.4259, -76.8471.

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

101.6250, 18.4259, -76.8471

Protanopia

124.2820, 2.3260, 0.6297

Deuteranopia

125.3020, 8.7251, 1.4891



Tritanopia

106.3640, 21.0195, -68.7252

Trichromacy



Original Color

101.6250, 18.4259, -76.8471

Protanomaly

116.3000, 8.2331, -27.4501

Deuteranomaly

117.0380, 12.3063, -27.2203

Tritanomaly

104.4130, 20.0094, -71.3992

Monochromacy



Original Color

101.6250, 18.4259, -76.8471

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.5450, 6.6333, -27.6650

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6250, 18.4259, -76.8471 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(14, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(14, 139, 139)  
}
```

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(14, 139, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 139, 139) }
```

Border

The CSS property to change the border of an element to YUV 101.6250, 18.4259, -76.8471 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(14, 139, 139) }
```


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

```
.border{ border-color:rgb(14, 139, 139) }
```

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

Here you see how a box with a 4 pixel rgb(14, 139, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 139, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 139, 139);  
box-shadow:4px 4px 4px 4px rgb(14, 139,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 101.6250, 18.4259, -76.8471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 139, 139) }
```

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

```
.background{ background-color: rgb(14, 139,  
139) }
```

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