

Converting Colors

XYZ(10.5335, 17.4940, 26.8483)

Have a look what the booklet for
XYZ(10.5335, 17.4940, 26.8483)
contains.

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Color

**XYZ(13.1125, 18.8852,
26.9989)**

Conversions

Conversions Part 1

Format	Color
Hex	00868A
RGB	0, 134, 138
RGB Percent	0%, 53%, 54%
CMY	1.0000, 0.4745, 0.4588
CMYK	1.00, 0.03, 0.00, 0.46
HSL	182°, 100%, 27%
HSV	182°, 100%, 54%
XYZ	13.1125, 18.8852, 26.9989
YIQ	94.3900, -81.1480, -27.1640

Conversions

Conversions Part 2

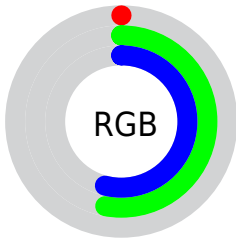
Format	Color
RYB	0, 68, 138
Decimal	34442
CIELab	50.55, -28.51, -10.90
CIELCh	51, 30.522, 200.929
Yxy	18.8852, 0.2223, 0.3201
Android (android.graphics.Color)	4278224522 (0xFF00868A)
YUV	94.3900, 21.4997, -82.7800
Hunter-Lab	43.4571, -22.1904, -6.4155

Details

The XYZ color **13.1125, 18.8852, 26.9989** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.5250, 5.4905, 0.5054**, and the grayscale version is **10.6972, 11.2543, 12.2560**.

A 20% lighter version of the original color is **31.1335, 41.6593, 55.6904**, and **4.9318, 7.0452, 10.3325** is the 20% darker color. If you saturate the color by 10%, you get **13.1129, 18.8857, 26.9993**, and if you desaturate by 10%, it is **13.3465, 19.0885, 27.0262**.

Distribution



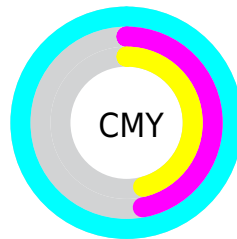
- Red (0%)
- Green (53%)
- Blue (54%)



- Red (0%)
- Yellow (27%)
- Blue (54%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1125, 18.8852, 26.9989 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 XYZ color 13.1125, 18.8852, 26.9989 by changing the saturation by 10% instead.

■ 13.1125, 18.8852,
26.9989

■ 13.1125, 18.8852,
26.9989

■ 205.2605,
245.8143, 301.4118

■ 7.5836, 11.5874,
17.3400

■ 31.1053, 41.5400,
55.8858

■ 3.8792, 6.4634,
10.3127

■ 44.3000, 57.6658,
75.9509

■ 1.6340, 3.1288,
5.4984

■ 60.7806, 77.5030,
100.3217

■ 0.4144, 1.1994,
2.4788

■ 80.9125, 101.4360,
129.4169

■ 0.0000, 0.0612,
0.8289

■ 105.0611,
129.8493, 163.6550

■ 0.0000, 0.0000,
0.0000

■ 133.5917,

163.1271, 203.4545

166.8697,
201.6540, 249.2339

■ 13.1125, 18.8852,
26.9989

■ 13.1125, 18.8852,
26.9989

■ 13.1129, 18.8857,
26.9993

■ 13.3465, 19.0885,
27.0262

■ 13.6923, 19.3492,
27.0583

■ 14.2107, 19.6993,
27.0985

■ 14.9230, 20.1496,
27.1479

■ 15.8471, 20.7095,
27.2073

■ 16.9992, 21.3872,
27.2773

■ 18.3937, 22.1902,
27.3588

■ 20.0438, 23.1253,
27.4523

■ 21.9620, 24.1988,
27.5585

Harmonies

Analogous

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



12.8656, 18.8852, 18.0828



13.1125, 18.8852, 26.9989



14.5754, 18.8852, 36.1142

Triad

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



13.1125, 18.8852, 26.9989



22.7756, 18.8852, 32.7359



18.8683, 18.8852, 8.2426

Complementary

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



13.1125, 18.8852, 26.9989



10.5250, 5.4905, 0.5054

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.



21.8086, 18.8852, 10.2731



13.1125, 18.8852, 26.9989



24.2230, 18.8852, 23.2597

Square

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



13.1125, 18.8852, 26.9989



20.0753, 18.8852, 40.0123



23.8508, 18.8852, 15.2406



15.9799, 18.8852, 8.7289

Rectangle

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



13.1125, 18.8852, 26.9989



16.1421, 18.8852, 40.2967



23.8508, 18.8852, 15.2406



19.8877, 18.8852, 8.6264

Sweetspot

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



13.1131, 18.8859, 26.9994



32.2482, 39.0145, 48.2141



9.1015, 18.1824, 3.0963



7.0238, 8.6308, 10.8020



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



13.1131, 18.8859, 26.9994



23.0926, 33.2473, 47.5834



6.5775, 5.8147, 24.8208



5.1606, 5.6642, 6.4271



12.0244, 17.3191, 24.7549



0.0817, 0.1187, 0.1651

Inverse Universe

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



14.7848, 7.1249, 23.1511



26.0496, 12.5540, 40.7516



12.7543, 9.9490, 1.2485



5.2277, 5.1265, 6.2875



13.5562, 6.5326, 21.2308



0.0910, 0.0438, 0.1459

Previews

White Background



This preview shows how the XYZ color 13.1125, 18.8852, 26.9989 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 XYZ color 13.1125, 18.8852, 26.9989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

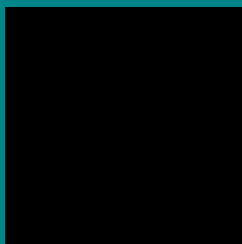
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.1125, 18.8852, 26.9989

Background



This preview shows how black text looks on a background with the XYZ color 13.1125, 18.8852, 26.9989.



This preview shows how white text looks on a background with the XYZ color 13.1125, 18.8852,

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

13.1125, 18.8852, 26.9989

Protanopia

18.1670, 18.7006, 23.4209

Deuteranopia

19.1289, 18.7405, 28.2003



Tritanopia

13.7101, 18.9374, 29.3182

Trichromacy



Original Color

13.1125, 18.8852, 26.9989

Protanomaly

14.3530, 17.6177, 24.4739

Deuteranomaly

14.9512, 17.6668, 27.8213

Tritanomaly

13.4360, 18.8136, 28.5144

Monochromacy



Original Color

13.1125, 18.8852, 26.9989

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.1466, 13.0237, 16.7309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1125, 18.8852, 26.9989 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(0, 134, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 138)  
}
```

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(0, 134, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 138) }
```

Border

The CSS property to change the border of an element to XYZ 13.1125, 18.8852, 26.9989 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(0, 134, 138) }
```


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

```
.border{ border-color:rgb(0, 134, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 134, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1125, 18.8852, 26.9989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 134, 138) }
```

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

```
.background{ background-color: rgb(0, 134,  
138) }
```

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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