

Converting Colors

XYZ(7.2436, 16.1137, 17.4235)

Have a look what the booklet for
XYZ(7.2436, 16.1137, 17.4235)
contains.

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Color

**XYZ(11.3396, 18.1760,
17.6625)**

Conversions

Conversions Part 1

Format	Color
Hex	00866E
RGB	0, 134, 110
RGB Percent	0%, 53%, 43%
CMY	0.9999, 0.4745, 0.5686
CMYK	1.00, 0.00, 0.18, 0.47
HSL	169°, 100%, 26%
HSV	169°, 100%, 53%
XYZ	11.3396, 18.1760, 17.6625
YIQ	91.1980, -72.1600, -35.8720

Conversions

Conversions Part 2

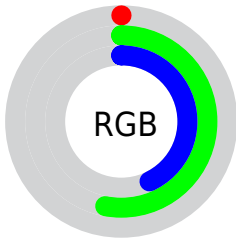
Format	Color
RYB	0, 74, 134
Decimal	34414
CIELab	49.71, -37.08, 4.22
CIELCh	50, 37.322, 173.514
Yxy	18.1760, 0.2404, 0.3853
Android (android.graphics.Color)	4278224494 (0xFF00866E)
YUV	91.1980, 9.2694, -79.9806
Hunter-Lab	42.6333, -27.1309, 5.2802

Details

The XYZ color **11.3396, 18.1760, 17.6625** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9.9970, 5.1348, 1.3292**, and the grayscale version is **9.9815, 10.5013, 11.4359**.

A 20% lighter version of the original color is **27.9845, 40.3689, 40.4995**, and **3.9905, 6.5454, 5.7557** is the 20% darker color. If you saturate the color by 10%, you get **11.3398, 18.1766, 17.6622**, and if you desaturate by 10%, it is **11.6446, 18.3184, 18.3688**.

Distribution



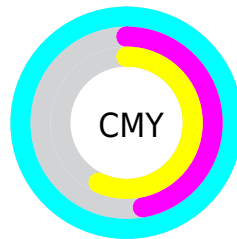
- Red (0%)
- Green (53%)
- Blue (43%)



- Red (0%)
- Yellow (29%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (47%)





- Cyan (100%)
- Magenta (47%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.3396, 18.1760, 17.6625 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 11.3396, 18.1760, 17.6625 by changing the saturation by 10% instead.


 11.3396, 18.1760,
17.6625


 11.3396, 18.1760,
17.6625


193.8434,
241.8612, 251.1337


 6.3647, 11.0764,
10.5410


 27.9139, 40.3370,
40.2675


 3.1108, 6.1183,
5.6489

 40.2440, 56.1672,
56.5882


 1.2127, 2.9171,
2.5675

 55.7565, 75.6764,
76.8123

 0.1163, 1.0886,
0.8756

 74.8169, 99.2490,
101.3584

 0.0000, 0.0000,
0.0000

 97.7904, 127.2694,
130.6450

 125.0424,

160.1220, 165.0908

156.9383,
198.1911, 205.1141

■ 11.3396, 18.1760,
17.6625

■ 11.3396, 18.1760,
17.6625

■ 11.3398, 18.1766,
17.6622

■ 11.6446, 18.3184,
18.3688

■ 12.0556, 18.5145,
19.0982

■ 12.6316, 18.7953,
19.8541

■ 13.3922, 19.1709,
20.6376

■ 14.3542, 19.6498,
21.4496

■ 15.5325, 20.2399,
22.2908

■ 16.9406, 20.9479,
23.1621

■ 18.5909, 21.7804,
24.0643

■ 20.4947, 22.7432,
24.9978

Harmonies

Analogous

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



12.3459, 18.1760, 10.2897



11.3396, 18.1760, 17.6625



11.7395, 18.1760, 28.6651

Triad

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



11.3396, 18.1760, 17.6625



20.1464, 18.1760, 43.6891



21.6632, 18.1760, 7.8623

Complementary

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



11.3396, 18.1760, 17.6625



9.9970, 5.1348, 1.3292

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.



24.3254, 18.1760, 12.9676



11.3396, 18.1760, 17.6625



23.3691, 18.1760, 33.8480

Square

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



11.3396, 18.1760, 17.6625



16.5158, 18.1760, 46.2802



24.9889, 18.1760, 22.0831



18.0587, 18.1760, 6.0237

Rectangle

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



11.3396, 18.1760, 17.6625



12.7812, 18.1760, 36.5437



24.9889, 18.1760, 22.0831



22.7169, 18.1760, 9.1471

Sweetspot

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



11.3401, 18.1767, 17.6629



29.6671, 36.8165, 40.7033



8.9161, 17.2522, 2.8605



6.4757, 8.1897, 9.0455



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.3401, 18.1767, 17.6629



19.9284, 32.0040, 30.8519



8.0936, 9.3019, 23.9239



4.7668, 5.2649, 5.7831



10.6302, 17.0349, 16.5700



0.0391, 0.0599, 0.0696

Inverse Universe

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



9.9970, 5.1348, 1.3292



17.5703, 9.0292, 2.1173



10.6757, 6.7561, 0.7418



4.7041, 4.7013, 5.0543



9.3712, 4.8128, 1.2613



0.0344, 0.0175, 0.0147

Previews

White Background



This preview shows how the XYZ color 11.3396, 18.1760, 17.6625 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 XYZ color 11.3396, 18.1760, 17.6625 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 11.3396, 18.1760, 17.6625

Background



This preview shows how black text looks on a background with the XYZ color 11.3396, 18.1760, 17.6625.

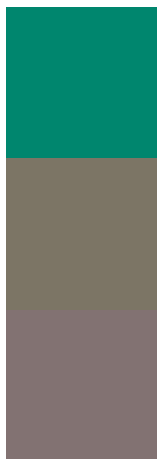


This preview shows how white text looks on a background with the XYZ color 11.3396, 18.1760,

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

11.3396, 18.1760, 17.6625

Protanopia

17.0224, 17.9473, 14.8789

Deuteranopia

18.2605, 17.9954, 18.4306



Tritanopia

13.5530, 18.2900, 27.6270

Trichromacy



Original Color

11.3396, 18.1760, 17.6625

Protanomaly

12.8061, 16.8277, 15.6698

Deuteranomaly

13.3853, 16.7060, 18.1419

Tritanomaly

12.4797, 18.0243, 23.5902

Monochromacy



Original Color

11.3396, 18.1760, 17.6625

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.2072, 12.2968, 13.4435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3396, 18.1760, 17.6625 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 110) }
```

Border

The CSS property to change the border of an element to XYZ 11.3396, 18.1760, 17.6625 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, 110) }
```


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

```
.border{ border-color:rgb(0, 134, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3396, 18.1760, 17.6625 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, 110) }
```

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

```
.background{ background-color: rgb(0, 134,  
110) }
```

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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