

Converting Colors

XYZ(18.5414, 19.4706, 18.5635)

Have a look what the booklet for
XYZ(18.5414, 19.4706, 18.5635)
contains.

XYZ(18.6010, 19.5696, 18.7165)	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

**XYZ(18.6010, 19.5696,
18.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7A72
RGB	126, 122, 114
RGB Percent	49%, 48%, 45%
CMY	0.5059, 0.5216, 0.5529
CMYK	0.00, 0.03, 0.10, 0.51
HSL	40°, 5%, 47%
HSV	40°, 10%, 49%
XYZ	18.6010, 19.5696, 18.7165
YIQ	122.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

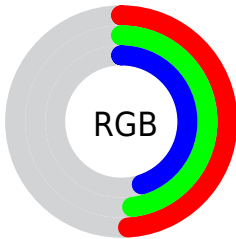
Format	Color
R _Y B	120, 126, 114
Decimal	8288882
CIE Lab	51.35, 0.00, 4.91
CIE LCh	51, 4.912, 89.959
Yxy	19.5696, 0.3270, 0.3440
Android (android.graphics.Color)	4286478962 (0xFF7E7A72)
YUV	122.2840, -4.0840, 3.2589
Hunter-Lab	44.2375, -2.3600, 5.8812

Details

The XYZ color **18.6010, 19.5696, 18.7165** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1837, 18.0403, 22.3154**, and the grayscale version is **18.6038, 19.5726, 21.3146**.

A 20% lighter version of the original color is **40.6094, 42.6090, 42.1604**, and **6.4265, 6.7362, 6.1158** is the 20% darker color. If you saturate the color by 10%, you get **17.4285, 18.2943, 15.0277**, and if you desaturate by 10%, it is **19.8956, 20.9307, 22.9340**.

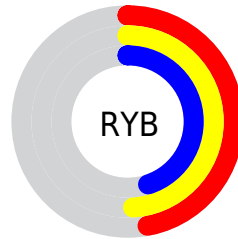
Distribution



Red (49%)

Green (48%)

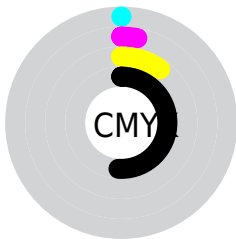
Blue (45%)



Red (47%)

Yellow (49%)

Blue (45%)

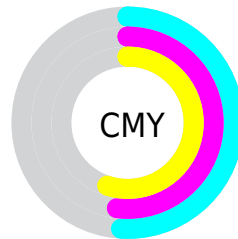


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6010, 19.5696, 18.7165 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 18.6010, 19.5696, 18.7165 by changing the saturation by 10% instead.

■ 18.6010, 19.5696,
18.7165

■ 18.6010, 19.5696,
18.7165

237.2177,
249.5755, 257.2495

■ 11.4846, 12.0826,
11.2909

■ 40.5809, 42.6944,
42.0848

■ 6.4635, 6.7999,
6.1462

■ 56.1751, 59.1010,
58.8645

■ 3.1722, 3.3373,
2.8640

■ 75.3260, 79.2495,
79.5994

■ 1.2455, 1.3103,
1.0256

■ 98.3989, 103.5244,
104.7080

■ 0.1418, 0.1491,
0.0000

125.7592,
132.3100, 134.6087

■ 0.0000, 0.0000,
0.0000

157.7722,

165.9908, 169.7202

194.8032,
204.9512, 210.4609

■ 18.6010, 19.5696,
18.7165

■ 18.6010, 19.5696,
18.7165

■ 17.4285, 18.2943,
15.0277

■ 19.8956, 20.9307,
22.9340

■ 16.3723, 17.1000,
11.8451

■ 21.3149, 22.3771,
27.6990

■ 15.4283, 15.9854,
9.1464

■ 22.8632, 23.9115,
33.0308

■ 14.5917, 14.9479,
6.9073

■ 24.5442, 25.5360,
38.9475

■ 13.8570, 13.9851,
5.1011

■ 26.3613, 27.2522,
45.4664

■ 13.2186, 13.0940,
3.6985

■ 28.3181, 29.0620,
52.6041

■ 12.6697, 12.2716,
2.6665

■ 30.4176, 30.9671,
60.3763

■ 12.2028, 11.5144,
1.9669

■ 32.6632, 32.9691,
68.7985

■ 11.7954, 10.8127,
1.4826

■ 35.0578, 35.0696,
77.8854

Harmonies

Analogous

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



19.0770, 19.5696, 19.0517



18.6010, 19.5696, 18.7165



18.1328, 19.5696, 19.0499

Triad

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



18.6010, 19.5696, 18.7165



17.7942, 19.5696, 22.6871



19.4298, 19.5696, 22.6907

Complementary

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



18.6010, 19.5696, 18.7165



17.1837, 18.0403, 22.3154

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.



19.0758, 19.5696, 23.7378



18.6010, 19.5696, 18.7165



18.1316, 19.5696, 23.7357

Square

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



18.6010, 19.5696, 18.7165



17.6720, 19.5696, 21.3060



18.5996, 19.5696, 24.1282



19.5606, 19.5696, 21.3099

Rectangle

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



18.6010, 19.5696, 18.7165



17.8867, 19.5696, 19.6151



18.5996, 19.5696, 24.1282



19.3326, 19.5696, 23.0955

Sweetspot

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



18.6015, 19.5705, 18.7169



34.1875, 35.9758, 37.6273



17.8918, 17.7785, 19.6284



7.7386, 8.1435, 8.4350



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



18.6015, 19.5705, 18.7169



32.3694, 34.0480, 31.7543



18.8106, 20.4220, 18.8703



4.5484, 4.7855, 4.6041



12.0776, 11.0515, 1.4966



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.1837, 18.0403, 22.3154



29.4530, 30.9006, 39.1564



16.9859, 17.2543, 22.1741



4.2168, 4.4277, 5.4457



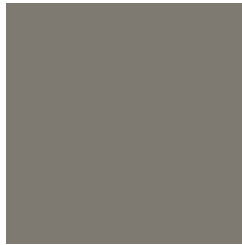
4.7083, 3.2352, 20.6262



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.6010, 19.5696, 18.7165 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 18.6010, 19.5696, 18.7165 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

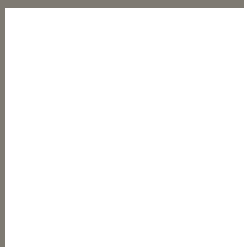
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.6010, 19.5696, 18.7165

Background



This preview shows how black text looks on a background with the XYZ color 18.6010, 19.5696, 18.7165.



This preview shows how white text looks on a background with the XYZ color 18.6010, 19.5696,

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

18.6010, 19.5696, 18.7165

Protanopia

18.6010, 19.5696, 18.7165

Deuteranopia

19.8895, 19.5130, 18.9378



Tritanopia

19.5810, 19.6071, 23.5214

Trichromacy



Original Color

18.6010, 19.5696, 18.7165

Protanomaly

18.6010, 19.5696, 18.7165

Deuteranomaly

19.3642, 19.4180, 18.9471

Tritanomaly

19.2279, 19.6420, 21.8467

Monochromacy



Original Color

18.6010, 19.5696, 18.7165

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.4577, 19.4619, 20.2365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6010, 19.5696, 18.7165 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(126, 122, 114)` looks like.

```
.text, #text, p{  
    color:rgb(126, 122, 114)  
}
```

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(126, 122, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 122, 114) }
```

Border

The CSS property to change the border of an element to XYZ 18.6010, 19.5696, 18.7165 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(126, 122, 114) }
```


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

```
.border{ border-color:rgb(126, 122, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 122, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 122, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 122, 114);  
box-shadow:4px 4px 4px 4px rgb(126, 122,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6010, 19.5696, 18.7165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 122, 114) }
```

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

```
.background{ background-color: rgb(126,  
122, 114) }
```

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