

Converting Colors

XYZ(19.1676, 19.7061, 17.5453)

Have a look what the booklet for
XYZ(19.1676, 19.7061, 17.5453)
contains.

XYZ(19.1676, 19.7061, 17.5453)	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(19.1676, 19.7061,
17.5453)**

Conversions

Conversions Part 1

Format	Color
Hex	84796E
RGB	132, 121, 110
RGB Percent	52%, 47%, 43%
CMY	0.4824, 0.5255, 0.5686
CMYK	0.00, 0.08, 0.17, 0.48
HSL	30°, 9%, 47%
HSV	30°, 17%, 52%
XYZ	19.1676, 19.7061, 17.5453
YIQ	123.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

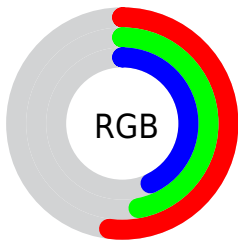
Format	Color
RYB	132, 132, 110
Decimal	8681838
CIELab	51.50, 2.25, 7.55
CIELCh	52, 7.879, 73.420
Yxy	19.7061, 0.3397, 0.3493
Android (android.graphics.Color)	4286871918 (0xFF84796E)
YUV	123.0350, -6.4263, 7.8623
Hunter-Lab	44.3916, -0.6116, 7.6403

Details

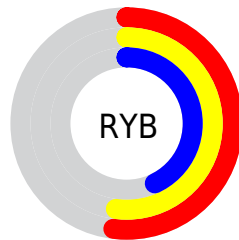
The XYZ color **19.1676, 19.7061, 17.5453** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4326, 18.6553, 24.5120**, and the grayscale version is **18.8569, 19.8390, 21.6046**.

A 20% lighter version of the original color is **41.4727, 42.8101, 40.2597**, and **6.7317, 6.9067, 5.5358** is the 20% darker color. If you saturate the color by 10%, you get **17.7273, 17.8911, 13.7797**, and if you desaturate by 10%, it is **20.7709, 21.6754, 21.8940**.

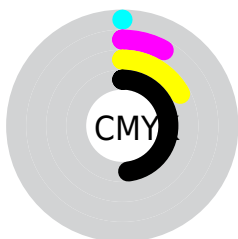
Distribution



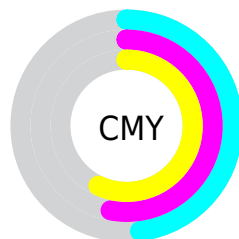
- Red (52%)
- Green (47%)
- Blue (43%)



- Red (52%)
- Yellow (52%)
- Blue (43%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1676, 19.7061, 17.5453 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 19.1676, 19.7061, 17.5453 by changing the saturation by 10% instead.

■ 19.1676, 19.7061,
17.5453

■ 19.1676, 19.7061,
17.5453

240.2928,
250.3196, 250.4449

■ 11.8962, 12.1816,
10.4580

■ 41.5318, 42.9239,
40.0644

■ 6.7447, 6.8675,
5.5941

■ 57.3553, 59.3860,
56.3333

■ 3.3479, 3.3794,
2.5351

■ 76.7601, 79.5960,
76.4997

■ 1.3403, 1.3328,
0.8587

■ 100.1118,
103.9384, 100.9823

■ 0.2131, 0.1664,
0.0000

127.7755,
132.7976, 130.1996

■ 0.0000, 0.0000,
0.0000

160.1167,

166.5579, 164.5701

197.5007,
205.6038, 204.5124

■ 19.1676, 19.7061,
17.5453

■ 19.1676, 19.7061,
17.5453

■ 17.7273, 17.8911,
13.7797

■ 20.7709, 21.6754,
21.8940

■ 16.4426, 16.2238,
10.5707

■ 22.5411, 23.8002,
26.8482

■ 15.3079, 14.7007,
7.8916

■ 24.4840, 26.0852,
32.4306

■ 14.3165, 13.3173,
5.7131

■ 26.6045, 28.5340,
38.6625

■ 13.4611, 12.0687,
4.0030

■ 28.9073, 31.1500,
45.5640

■ 12.7337, 10.9499,
2.7250

■ 31.3971, 33.9366,
53.1544

■ 12.1253, 9.9550,
1.8377

■ 34.0781, 36.8969,
61.4524

■ 11.6201, 9.0756,
1.2657

■ 36.9547, 40.0343,
70.4757

■ 11.4650, 8.8039,
1.0951

■ 40.0310, 43.3516,
80.2414

Harmonies

Analogous

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



19.8571, 19.7061, 18.5987



19.1676, 19.7061, 17.5453



18.3791, 19.7061, 17.4910

Triad

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



19.1676, 19.7061, 17.5453



17.2887, 19.7061, 22.4839



19.7955, 19.7061, 24.7798

Complementary

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



19.1676, 19.7061, 17.5453



17.4326, 18.6553, 24.5120

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.



19.0854, 19.7061, 25.9804



19.1676, 19.7061, 17.5453



17.6465, 19.7061, 24.5933

Square

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



19.1676, 19.7061, 17.5453



17.3093, 19.7061, 20.2370



18.2992, 19.7061, 25.9098



20.2265, 19.7061, 22.7242

Rectangle

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



19.1676, 19.7061, 17.5453



17.9045, 19.7061, 18.0211



18.2992, 19.7061, 25.9098



19.5806, 19.7061, 25.3031

Sweetspot

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



19.1681, 19.7070, 17.5457



37.0527, 38.7444, 39.8514



18.5431, 17.4382, 20.4780



8.5845, 8.9695, 9.1617



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.



19.1681, 19.7070, 17.5457



32.7719, 33.4731, 28.2804



20.5817, 22.5341, 18.0169



4.8507, 5.0449, 4.9475



11.1062, 8.5350, 1.0621



0.0458, 0.0441, 0.0061

Inverse Universe

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



17.4326, 18.6553, 24.5120



29.1167, 31.2583, 42.9520



16.1715, 16.1331, 24.0917



4.6125, 4.9006, 5.9036



5.9235, 5.3947, 21.8658



0.0278, 0.0333, 0.0782

Previews

White Background



This preview shows how the XYZ color 19.1676, 19.7061, 17.5453 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 19.1676, 19.7061, 17.5453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

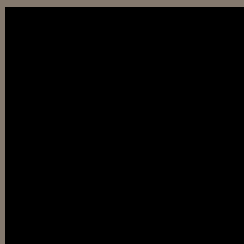
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.1676, 19.7061, 17.5453

Background



This preview shows how black text looks on a background with the XYZ color 19.1676, 19.7061, 17.5453.



This preview shows how white text looks on a background with the XYZ color 19.1676, 19.7061,

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

19.1676, 19.7061, 17.5453

Protanopia

18.7309, 19.6560, 17.8457

Deuteranopia

19.9951, 19.5935, 17.7670



Tritanopia

20.2062, 19.5837, 23.1371

Trichromacy



Original Color

19.1676, 19.7061, 17.5453

Protanomaly

18.8820, 19.7339, 17.8528

Deuteranomaly

19.6194, 19.5756, 17.7833

Tritanomaly

19.7209, 19.5607, 20.8253

Monochromacy



Original Color

19.1676, 19.7061, 17.5453

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.8337, 19.6627, 19.9422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1676, 19.7061, 17.5453 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(132, 121, 110)` looks like.

```
.text, #text, p{  
    color:rgb(132, 121, 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(132, 121, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 121, 110) }
```

Border

The CSS property to change the border of an element to XYZ 19.1676, 19.7061, 17.5453 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(132, 121, 110) }
```


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

```
.border{ border-color:rgb(132, 121, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 121, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 121, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 121, 110);  
box-shadow:4px 4px 4px 4px rgb(132, 121,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1676, 19.7061, 17.5453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 121, 110) }
```

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

```
.background{ background-color: rgb(132,  
121, 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](#).

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