

Converting Colors

XYZ(17.6861, 19.8714, 19.4552)

Have a look what the booklet for
XYZ(17.6861, 19.8714, 19.4552)
contains.

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Color

**XYZ(17.6835, 19.8275,
19.4181)**

Conversions

Conversions Part 1

Format	Color
Hex	737E74
RGB	115, 126, 116
RGB Percent	45%, 49%, 45%
CMY	0.5490, 0.5059, 0.5451
CMYK	0.09, 0.00, 0.08, 0.51
HSL	125°, 5%, 47%
HSV	125°, 9%, 49%
XYZ	17.6835, 19.8275, 19.4181
YIQ	121.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

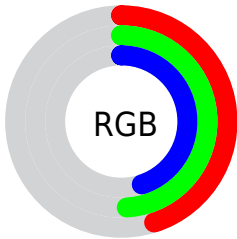
Format	Color
R_{YB}	115, 125, 126
Decimal	7569012
CIE Lab	51.64, -6.12, 4.05
CIE LCh	52, 7.337, 146.520
Yxy	19.8275, 0.3106, 0.3483
Android (android.graphics.Color)	4285759092 (0xFF737E74)
YUV	121.5710, -2.7465, -5.7628
Hunter-Lab	44.5281, -7.0362, 5.3141

Details

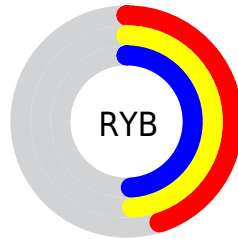
The XYZ color **17.6835, 19.8275, 19.4181** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.4373, 18.1783, 21.9400**, and the grayscale version is **18.3688, 19.3255, 21.0454**.

A 20% lighter version of the original color is **39.1243, 43.2828, 43.3381**, and **6.0120, 6.9184, 6.4874** is the 20% darker color. If you saturate the color by 10%, you get **15.5128, 18.7813, 16.0502**, and if you desaturate by 10%, it is **20.1640, 21.0250, 23.2303**.

Distribution



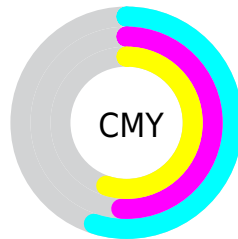
- Red (45%)
- Green (49%)
- Blue (45%)



- Red (45%)
- Yellow (49%)
- Blue (49%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6835, 19.8275, 19.4181 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 17.6835, 19.8275, 19.4181 by changing the saturation by 10% instead.

■ 17.6835, 19.8275,
19.4181

■ 17.6835, 19.8275,
19.4181

232.1612,
250.9797, 261.2465

■ 10.8213, 12.2697,
11.7929

■ 39.0316, 43.1278,
43.2855

■ 6.0132, 6.9276,
6.4820

■ 54.2482, 59.6391,
60.3647

■ 2.8939, 3.4169,
3.0668

■ 72.9803, 79.9037,
81.4324

■ 1.0979, 1.3531,
1.1289

■ 95.5934, 104.3059,
106.9071

■ 0.0233, 0.1817,
0.0000

122.4526,
133.2303, 137.2073

■ 0.0000, 0.0000,
0.0000

153.9234,

167.0611, 172.7516

190.3712,
206.1828, 213.9585

■ 17.6835, 19.8275,
19.4181

■ 17.6835, 19.8275,
19.4181

■ 15.5128, 18.7813,
16.0502

■ 20.1640, 21.0250,
23.2303

■ 13.6381, 17.8781,
13.1091

■ 22.9642, 22.3769,
27.5009

■ 12.0472, 17.1122,
10.5783

■ 26.0953, 23.8893,
32.2447

■ 10.7260, 16.4772,
8.4395

■ 29.5678, 25.5673,
37.4756

■ 9.6597, 15.9654,
6.6731

■ 33.3915, 27.4156,
43.2071

■ 8.8317, 15.5691,
5.2577

■ 37.5759, 29.4388,
49.4520

■ 8.2236, 15.2790,
4.1701

■ 42.1302, 31.6415,
56.2225

■ 7.8141, 15.0849,
3.3838

■ 47.0631, 34.0279,
63.5307

■ 7.5533, 14.9616,
2.8674

■ 52.3832, 36.6021,
71.3881

Harmonies

Analogous

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



18.2173, 19.8275, 18.1442



17.6835, 19.8275, 19.4181



17.4607, 19.8275, 21.3424

Triad

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



17.6835, 19.8275, 19.4181



18.7592, 19.8275, 25.9167



20.1474, 19.8275, 19.8201

Complementary

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



17.6835, 19.8275, 19.4181



18.4373, 18.1783, 21.9400

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.



20.3015, 19.8275, 21.8371



17.6835, 19.8275, 19.4181



19.4879, 19.8275, 25.4438

Square

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



17.6835, 19.8275, 19.4181



18.0714, 19.8275, 25.1688



20.0572, 19.8275, 23.9155



19.6413, 19.8275, 18.3654

Rectangle

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



17.6835, 19.8275, 19.4181



17.5141, 19.8275, 22.7682



20.0572, 19.8275, 23.9155



20.2426, 19.8275, 20.4508

Sweetspot

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



17.6840, 19.8283, 19.4185



33.5294, 36.0599, 37.8799



19.0258, 20.5267, 19.1793



7.5546, 8.1675, 8.5055



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.



17.6840, 19.8283, 19.4185



30.5180, 34.6071, 33.2394



18.0085, 19.9581, 21.1273



4.2907, 4.8246, 4.7020



7.7180, 15.3338, 2.8877



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.4373, 18.1783, 21.9400



32.0567, 31.2364, 38.3901



18.1005, 18.0436, 20.1663



4.4818, 4.4059, 5.3419



11.9743, 5.8094, 16.9860



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.6835, 19.8275, 19.4181 looks on a white background.

Color Contrast Check

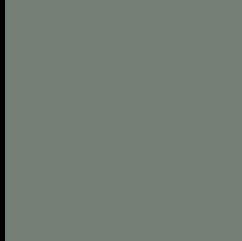
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6835, 19.8275, 19.4181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

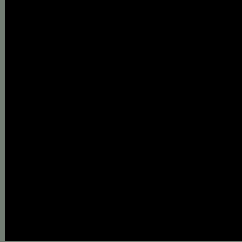
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.6835, 19.8275, 19.4181

Background



This preview shows how black text looks on a background with the XYZ color 17.6835, 19.8275, 19.4181.



This preview shows how white text looks on a background with the XYZ color 17.6835, 19.8275,

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

17.6835, 19.8275, 19.4181

Protanopia

18.7492, 19.6460, 18.7235

Deuteranopia

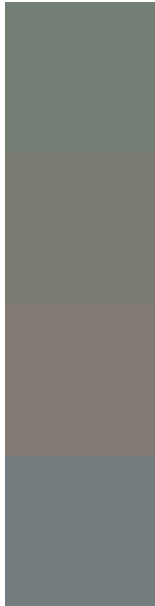
20.1242, 19.7964, 19.5900



Tritanopia

18.7878, 19.7109, 25.0047

Trichromacy



Original Color

17.6835, 19.8275, 19.4181

Protanomaly

18.3458, 19.6147, 19.0387

Deuteranomaly

19.2237, 19.8705, 19.6518

Tritanomaly

18.3745, 19.7295, 22.9184

Monochromacy



Original Color

17.6835, 19.8275, 19.4181

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.0809, 19.4439, 20.5694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6835, 19.8275, 19.4181 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(115, 126, 116)` looks like.

```
.text, #text, p{  
    color:rgb(115, 126, 116)  
}
```

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(115, 126, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 126, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.6835, 19.8275, 19.4181 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(115, 126, 116) }
```


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

```
.border{ border-color:rgb(115, 126, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 126, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 126, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 126, 116);  
box-shadow:4px 4px 4px 4px rgb(115, 126,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6835, 19.8275, 19.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 126, 116) }
```

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

```
.background{ background-color: rgb(115,  
126, 116) }
```

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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