

Converting Colors

XYZ(17.5064, 18.4187, 18.9214)

Have a look what the booklet for
XYZ(17.5064, 18.4187, 18.9214)
contains.

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Color

**XYZ(17.5765, 18.4964,
18.8634)**

Conversions

Conversions Part 1

Format	Color
Hex	797773
RGB	121, 119, 115
RGB Percent	47%, 47%, 45%
CMY	0.5255, 0.5333, 0.5490
CMYK	0.00, 0.02, 0.05, 0.53
HSL	40°, 3%, 46%
HSV	40°, 5%, 47%
XYZ	17.5765, 18.4964, 18.8634
YIQ	119.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

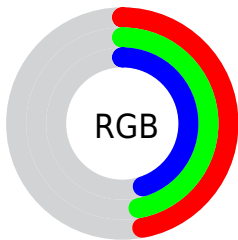
Format	Color
RYB	118, 121, 115
Decimal	7960435
CIELab	50.09, -0.02, 2.46
CIElCh	50, 2.459, 90.475
Yxy	18.4964, 0.3199, 0.3367
Android (android.graphics.Color)	4286150515 (0xFF797773)
YUV	119.1420, -2.0420, 1.6295
Hunter-Lab	43.0074, -2.3127, 4.1002

Details

The XYZ color **17.5765, 18.4964, 18.8634** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8827, 17.7476, 20.6252**, and the grayscale version is **17.5857, 18.5015, 20.1481**.

A 20% lighter version of the original color is **38.7715, 40.8001, 42.3909**, and **6.0140, 6.3282, 6.2147** is the 20% darker color. If you saturate the color by 10%, you get **16.4563, 17.2979, 15.2773**, and if you desaturate by 10%, it is **18.8095, 19.7738, 22.9385**.

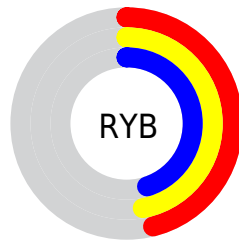
Distribution



Red (47%)

Green (47%)

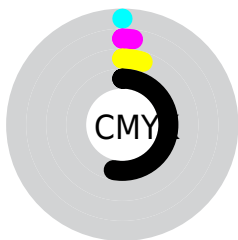
Blue (45%)



Red (46%)

Yellow (47%)

Blue (45%)

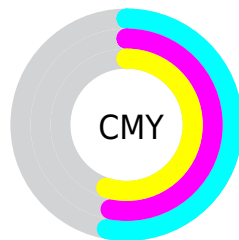


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5765, 18.4964, 18.8634 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 17.5765, 18.4964, 18.8634 by changing the saturation by 10% instead.

■ 17.5765, 18.4964,
18.8634

■ 17.5765, 18.4964,
18.8634

231.5651,
243.6543, 258.0912

■ 10.7442, 11.3070,
11.3958

■ 38.8501, 40.8814,
42.3368

■ 5.9611, 6.2737,
6.2162

■ 54.0222, 56.8457,
59.1796

■ 2.8619, 3.0122,
2.9061

■ 72.7048, 76.5038,
79.9846

■ 1.0812, 1.1381,
1.0469

95.2635, 100.2400,
105.1704

■ 0.0093, 0.0103,
0.0000

122.0635,
128.4388, 135.1553

■ 0.0000, 0.0000,
0.0000

153.4702,

161.4845, 170.3581

189.8489,
199.7615, 211.1972

■ 17.5765, 18.4964,
18.8634

■ 17.5765, 18.4964,
18.8634

■ 16.4563, 17.2979,
15.2773

■ 18.8095, 19.7738,
22.9385

■ 15.4435, 16.1738,
12.1604

■ 20.1574, 21.1294,
27.5191

■ 14.5347, 15.1231,
9.4931

■ 21.6240, 22.5659,
32.6224

■ 13.7255, 14.1436,
7.2541

■ 23.2127, 24.0848,
38.2645

■ 13.0114, 13.2330,
5.4204

■ 24.9265, 25.6879,
44.4605

■ 12.3873, 12.3888,
3.9666

■ 26.7684, 27.3766,
51.2253

■ 11.8475, 11.6084,
2.8647

■ 28.7414, 29.1525,
58.5729

■ 11.3859, 10.8889,
2.0825

■ 30.8482, 31.0171,
66.5171

■ 10.9923, 10.2256,
1.5696

■ 33.0916, 32.9718,
75.0711

Harmonies

Analogous

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



17.8056, 18.4964, 19.0259



17.5765, 18.4964, 18.8634



17.3504, 18.4964, 19.0363

Triad

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



17.5765, 18.4964, 18.8634



17.1908, 18.4964, 20.8080



17.9795, 18.4964, 20.7889

Complementary

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



17.5765, 18.4964, 18.8634



16.8827, 17.7476, 20.6252

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.



17.8122, 18.4964, 21.2843



17.5765, 18.4964, 18.8634



17.3568, 18.4964, 21.2956

Square

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



17.5765, 18.4964, 18.8634



17.1289, 18.4964, 20.1502



17.5840, 18.4964, 21.4718



18.0395, 18.4964, 20.1286

Rectangle

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



17.5765, 18.4964, 18.8634



17.2314, 18.4964, 19.3209



17.5840, 18.4964, 21.4718



17.9338, 18.4964, 20.9808

Sweetspot

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



17.5770, 18.4972, 18.8638



32.3193, 34.0057, 36.5437



17.2270, 17.6110, 19.3212



7.3937, 7.7795, 8.3685



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.5770, 18.4972, 18.8638



31.2259, 32.8601, 32.9693



17.6779, 18.9059, 18.9374



4.2773, 4.5011, 4.5033



11.5700, 10.5958, 1.4354



54.3834, 48.9303, 6.5782

Inverse Universe

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



16.8827, 17.7476, 20.6252



29.6956, 31.2081, 36.8515



16.7846, 17.3552, 20.5547



4.0606, 4.2672, 5.0528



4.5125, 3.1074, 19.7472



20.8168, 13.4063, 93.9603

Previews

White Background



This preview shows how the XYZ color 17.5765, 18.4964, 18.8634 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 17.5765, 18.4964, 18.8634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

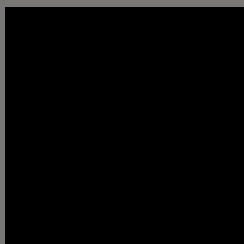
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

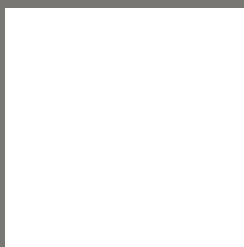
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5765, 18.4964, 18.8634

Background



This preview shows how black text looks on a background with the XYZ color 17.5765, 18.4964, 18.8634.



This preview shows how white text looks on a background with the XYZ color 17.5765, 18.4964,

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

17.5765, 18.4964, 18.8634

Protanopia

17.7174, 18.5690, 18.8700

Deuteranopia

18.7988, 18.4280, 19.0891



Tritanopia

18.3604, 18.4658, 22.6752

Trichromacy



Original Color

17.5765, 18.4964, 18.8634

Protanomaly

17.7174, 18.5690, 18.8700

Deuteranomaly

18.2999, 18.3409, 19.0986

Tritanomaly

18.0796, 18.5245, 21.3616

Monochromacy



Original Color

17.5765, 18.4964, 18.8634

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.6126, 18.4947, 19.7811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5765, 18.4964, 18.8634 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(121, 119, 115)` looks like.

```
.text, #text, p{  
    color:rgb(121, 119, 115)  
}
```

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(121, 119, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 119, 115) }
```

Border

The CSS property to change the border of an element to XYZ 17.5765, 18.4964, 18.8634 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(121, 119, 115) }
```


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

```
.border{ border-color:rgb(121, 119, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 119, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 119, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 119, 115);  
box-shadow:4px 4px 4px 4px rgb(121, 119,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5765, 18.4964, 18.8634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 119, 115) }
```

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

```
.background{ background-color: rgb(121,  
119, 115) }
```

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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