

Converting Colors

XYZ(17.2953, 17.7632, 18.7103)

Have a look what the booklet for
XYZ(17.2953, 17.7632, 18.7103)
contains.

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Color

**XYZ(17.3659, 17.8662,
18.7529)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7473
RGB	122, 116, 115
RGB Percent	48%, 45%, 45%
CMY	0.5216, 0.5451, 0.5490
CMYK	0.00, 0.05, 0.06, 0.52
HSL	9°, 3%, 46%
HSV	9°, 6%, 48%
XYZ	17.3659, 17.8662, 18.7529
YIQ	117.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

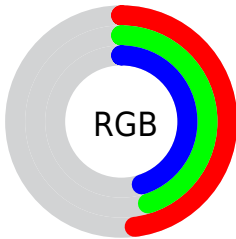
Format	Color
RYB	122, 116, 115
Decimal	8025203
CIELab	49.33, 2.11, 1.37
CIELCh	49, 2.515, 32.961
Yxy	17.8662, 0.3217, 0.3309
Android (android.graphics.Color)	4286215283 (0xFF7A7473)
YUV	117.6800, -1.3212, 3.7886
Hunter-Lab	42.2684, -0.6334, 3.2832

Details

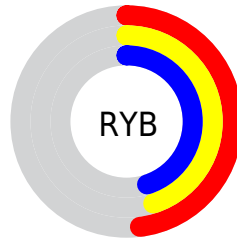
The XYZ color **17.3659, 17.8662, 18.7529** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4203, 18.7242, 21.1084**, and the grayscale version is **17.1235, 18.0152, 19.6186**.

A 20% lighter version of the original color is **38.4332, 39.7940, 42.2146**, and **5.8279, 5.9560, 6.1526** is the 20% darker color. If you saturate the color by 10%, you get **15.5721, 15.3286, 14.9176**, and if you desaturate by 10%, it is **19.3892, 20.7137, 23.1236**.

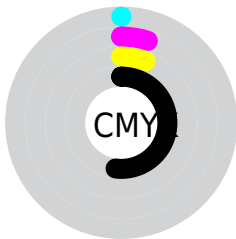
Distribution



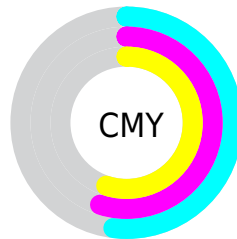
- Red (48%)
- Green (45%)
- Blue (45%)



- Red (48%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3659, 17.8662, 18.7529 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 17.3659, 17.8662, 18.7529 by changing the saturation by 10% instead.

■ 17.3659, 17.8662,
18.7529

■ 17.3659, 17.8662,
18.7529

230.3876,
240.1158, 257.4583

■ 10.5926, 10.8540,
11.3169

■ 38.4924, 39.8092,
42.1473

■ 5.8589, 5.9687,
6.1635

■ 53.5764, 55.5088,
58.9427

■ 2.7993, 2.8261,
2.8744

■ 72.1613, 74.8729,
79.6949

■ 1.0485, 1.0416,
1.0309

■ 94.6126, 98.2860,
104.8226

■ 0.0000, 0.0000,
0.0000

121.2954,
126.1324, 134.7443

152.5753,

158.7966, 169.8784

188.8176,
196.6629, 210.6436

■ 17.3659, 17.8662,
18.7529

■ 17.3659, 17.8662,
18.7529

■ 15.5721, 15.3286,
14.9176

■ 19.3892, 20.7137,
23.1236

■ 13.9983, 13.0882,
11.5960

■ 21.6483, 23.8787,
28.0480

■ 12.6363, 11.1348,
8.7665

■ 24.1509, 27.3714,
33.5450

■ 11.4771, 9.4567,
6.4058

■ 26.9040, 31.2009,
39.6322

■ 10.5107, 8.0416,
4.4883

■ 29.9144, 35.3758,
46.3263

■ 9.7267, 6.8759,
2.9864

■ 33.1886, 39.9046,
53.6437

■ 9.1132, 5.9451,
1.8689

■ 36.7327, 44.7954,
61.5999

■ 8.6573, 5.2331,
1.1007

■ 40.5529, 50.0559,
70.2099

■ 8.3401, 4.7202,
0.6209

■ 44.6549, 55.6938,
79.4883

Harmonies

Analogous

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



17.4397, 17.8662, 19.3860



17.3659, 17.8662, 18.7529



17.1890, 17.8662, 18.3156

Triad

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



17.3659, 17.8662, 18.7529



16.5793, 17.8662, 18.8669



17.0048, 17.8662, 20.7838

Complementary

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



17.3659, 17.8662, 18.7529



17.4203, 18.7242, 21.1084

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.



16.7753, 17.8662, 20.6371



17.3659, 17.8662, 18.7529



16.5310, 17.8662, 19.5206

Square

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



17.3659, 17.8662, 18.7529



16.7349, 17.8662, 18.3803



16.6024, 17.8662, 20.1708



17.2300, 17.8662, 20.5672

Rectangle

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



17.3659, 17.8662, 18.7529



17.0371, 17.8662, 18.1885



16.6024, 17.8662, 20.1708



16.9256, 17.8662, 20.7753

Sweetspot

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



17.3664, 17.8670, 18.7533



31.8179, 33.2167, 35.7175



17.6122, 17.7814, 20.6146



7.2876, 7.6125, 8.1936



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.



17.3664, 17.8670, 18.7533



30.0764, 30.7611, 31.9696



17.7692, 18.6725, 18.8875



4.1215, 4.2137, 4.3766



8.6648, 4.7855, 0.4670



40.9438, 22.0510, 2.0983

Inverse Universe

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



17.4203, 18.7242, 21.1084



30.1938, 32.6282, 37.0994



17.0108, 17.9052, 20.9719



4.1377, 4.4728, 5.0884



8.9617, 12.0058, 21.2303



42.2724, 56.3174, 101.1121

Previews

White Background



This preview shows how the XYZ color 17.3659, 17.8662, 18.7529 looks on a white background.

Color Contrast Check

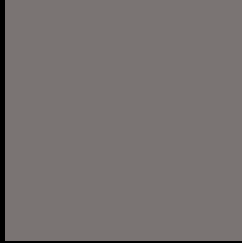
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3659, 17.8662, 18.7529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

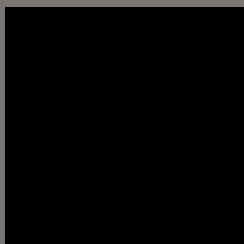
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

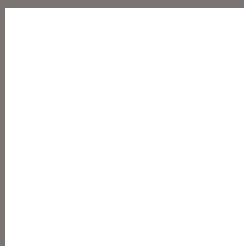
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3659, 17.8662, 18.7529

Background



This preview shows how black text looks on a background with the XYZ color 17.3659, 17.8662, 18.7529.



This preview shows how white text looks on a background with the XYZ color 17.3659, 17.8662,

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

17.3659, 17.8662, 18.7529

Protanopia

17.2015, 17.9535, 18.7784

Deuteranopia

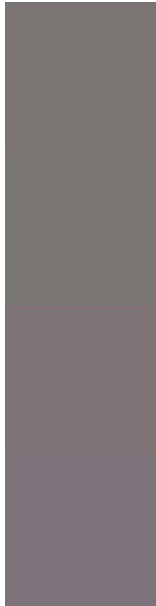
18.1108, 17.7383, 18.9923



Tritanopia

17.9372, 17.9277, 21.5838

Trichromacy



Original Color

17.3659, 17.8662, 18.7529

Protanomaly

17.3410, 18.0253, 18.7849

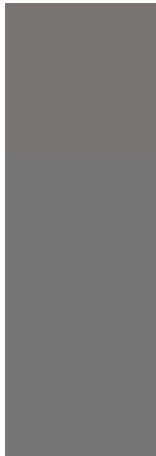
Deuteranomaly

17.7739, 17.7312, 19.0087

Tritanomaly

17.7503, 17.8529, 20.5996

Monochromacy



Original Color

17.3659, 17.8662, 18.7529

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1799, 17.9289, 19.3848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3659, 17.8662, 18.7529 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(122, 116, 115)` looks like.

```
.text, #text, p{  
    color:rgb(122, 116, 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(122, 116, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 116, 115) }
```

Border

The CSS property to change the border of an element to XYZ 17.3659, 17.8662, 18.7529 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(122, 116, 115) }
```


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

```
.border{ border-color:rgb(122, 116, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 116, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 116, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 116, 115);  
box-shadow:4px 4px 4px 4px rgb(122, 116,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3659, 17.8662, 18.7529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 116, 115) }
```

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

```
.background{ background-color: rgb(122,  
116, 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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