

Converting Colors

XYZ(17.6978, 17.5948, 17.8511)

Have a look what the booklet for
XYZ(17.6978, 17.5948, 17.8511)
contains.

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Color

**XYZ(17.7318, 17.5693,
17.7859)**

Conversions

Conversions Part 1

Format	Color
Hex	807170
RGB	128, 113, 112
RGB Percent	50%, 44%, 44%
CMY	0.4980, 0.5568, 0.5608
CMYK	0.00, 0.12, 0.12, 0.50
HSL	4°, 7%, 47%
HSV	4°, 12%, 50%
XYZ	17.7318, 17.5693, 17.7859
YIQ	117.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

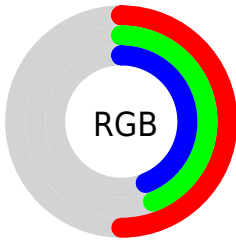
Format	Color
R_{YB}	128, 113, 112
Decimal	8417648
CIE Lab	48.97, 5.66, 2.69
CIE LCh	49, 6.264, 25.408
Yxy	17.5693, 0.3340, 0.3310
Android (android.graphics.Color)	4286607728 (0xFF807170)
YUV	117.3710, -2.6479, 9.3216
Hunter-Lab	41.9157, 2.1591, 4.1828

Details

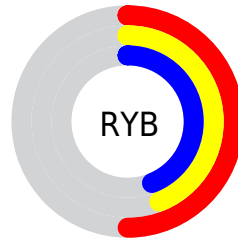
The XYZ color **17.7318, 17.5693, 17.7859** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1676, 20.1815, 23.3600**, and the grayscale version is **17.0300, 17.9169, 19.5115**.

A 20% lighter version of the original color is **39.2120, 39.4144, 40.6630**, and **6.0402, 5.8130, 5.6542** is the 20% darker color. If you saturate the color by 10%, you get **15.8181, 14.8023, 13.8782**, and if you desaturate by 10%, it is **19.9249, 20.7324, 22.2870**.

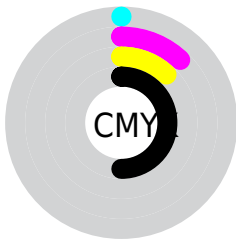
Distribution



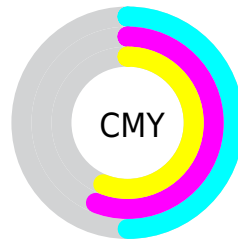
- Red (50%)
- Green (44%)
- Blue (44%)



- Red (50%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7318, 17.5693, 17.7859 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 17.7318, 17.5693, 17.7859 by changing the saturation by 10% instead.

■ 17.7318, 17.5693,
17.7859

■ 17.7318, 17.5693,
17.7859

232.4299,
238.4321, 251.8569

■ 10.8561, 10.6412,
10.6285

■ 39.1135, 39.3020,
40.4812

■ 6.0367, 5.8261,
5.7066

■ 54.3502, 54.8755,
56.8561

■ 2.9083, 2.7396,
2.6016

■ 73.1046, 74.0995,
77.1407

■ 1.1055, 0.9974,
0.8933

■ 95.7421, 97.3585,
101.7535

■ 0.0297, 0.0000,
0.0000

122.6280,
125.0369, 131.1130

■ 0.0000, 0.0000,
0.0000

154.1277,

157.5190, 165.6377

190.6066,
195.1892, 205.7461

■ 17.7318, 17.5693,
17.7859

■ 17.7318, 17.5693,
17.7859

■ 15.8181, 14.8023,
13.8782

■ 19.9249, 20.7324,
22.2870

■ 14.1710, 12.4135,
10.5382

■ 22.4063, 24.3038,
27.4037

■ 12.7793, 10.3873,
7.7397

■ 25.1865, 28.2982,
33.1584

■ 11.6300, 8.7059,
5.4542

■ 28.2751, 32.7289,
39.5719

■ 10.7093, 7.3500,
3.6507

■ 31.6810, 37.6085,
46.6642

■ 10.0019, 6.2987,
2.2944

■ 35.4130, 42.9490,
54.4545

■ 9.4906, 5.5283,
1.3463

■ 39.4794, 48.7623,
62.9610

■ 9.1555, 5.0117,
0.7605

■ 43.8884, 55.0596,
72.2016

■ 8.9892, 4.7633,
0.4456

■ 48.6476, 61.8516,
82.1932

Harmonies

Analogous

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



17.8411, 17.5693, 19.3881



17.7318, 17.5693, 17.7859



17.3433, 17.5693, 16.6080

Triad

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



17.7318, 17.5693, 17.7859



15.7936, 17.5693, 17.3653



16.6095, 17.5693, 22.5103

Complementary

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



17.7318, 17.5693, 17.7859



18.1676, 20.1815, 23.3600

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.



16.0710, 17.5693, 21.8952



17.7318, 17.5693, 17.7859



15.6069, 17.5693, 18.8742

Square

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



17.7318, 17.5693, 17.7859



16.2229, 17.5693, 16.3753



15.7073, 17.5693, 20.5401



17.1845, 17.5693, 22.1775

Rectangle

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



17.7318, 17.5693, 17.7859



16.9830, 17.5693, 16.1895



15.7073, 17.5693, 20.5401



16.4184, 17.5693, 22.4066

Sweetspot

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



17.7323, 17.5701, 17.7863



34.4324, 35.5682, 37.9061



18.5402, 17.7153, 22.5894



7.9992, 8.2376, 8.7467



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.7323, 17.5701, 17.7863



30.2123, 29.4785, 29.2530



18.6399, 19.3854, 18.0888



4.3478, 4.3842, 4.5372



8.9138, 4.7239, 0.4420



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.1676, 20.1815, 23.3600



31.1353, 35.0166, 41.0742



17.1992, 18.2448, 23.0372



4.4241, 4.8422, 5.5147



10.5213, 14.8611, 22.5639



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.7318, 17.5693, 17.7859 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 17.7318, 17.5693, 17.7859 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 17.7318, 17.5693, 17.7859

Background



This preview shows how black text looks on a background with the XYZ color 17.7318, 17.5693, 17.7859.



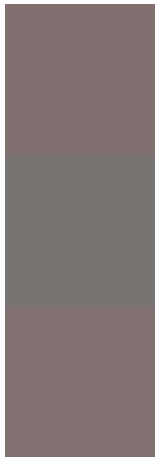
This preview shows how white text looks on a background with the XYZ color 17.7318, 17.5693,

17.7859.

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

17.7318, 17.5693, 17.7859

Protanopia

16.8904, 17.6276, 18.4318

Deuteranopia

17.8830, 17.6472, 17.7930



Tritanopia

18.2376, 17.6115, 20.2074

Trichromacy



Original Color

17.7318, 17.5693, 17.7859

Protanomaly

17.1374, 17.5913, 18.1150

Deuteranomaly

17.8830, 17.6472, 17.7930

Tritanomaly

18.0583, 17.5398, 19.2634

Monochromacy



Original Color

17.7318, 17.5693, 17.7859

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.2251, 17.7935, 18.7463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7318, 17.5693, 17.7859 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(128, 113, 112)` looks like.

```
.text, #text, p{  
    color:rgb(128, 113, 112)  
}
```

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(128, 113, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 113, 112) }
```

Border

The CSS property to change the border of an element to XYZ 17.7318, 17.5693, 17.7859 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(128, 113, 112) }
```


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

```
.border{ border-color:rgb(128, 113, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 113, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 113, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 113, 112);  
box-shadow:4px 4px 4px 4px rgb(128, 113,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7318, 17.5693, 17.7859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 113, 112) }
```

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

```
.background{ background-color: rgb(128,  
113, 112) }
```

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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