

Converting Colors

XYZ(18.3549, 17.7126, 25.8465)

Have a look what the booklet for
XYZ(18.3549, 17.7126, 25.8465)
contains.

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Color

**XYZ(18.3751, 17.7254,
25.7454)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7188
RGB	122, 113, 136
RGB Percent	48%, 44%, 53%
CMY	0.5216, 0.5569, 0.4667
CMYK	0.10, 0.17, 0.00, 0.47
HSL	263°, 9%, 49%
HSV	263°, 17%, 53%
XYZ	18.3751, 17.7254, 25.7454
YIQ	118.3130, -2.0190, 9.0610

Conversions

Conversions Part 2

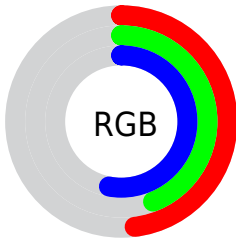
Format	Color
R_{YB}	122, 113, 136
Decimal	8024456
CIE _{Lab}	49.16, 8.24, -11.33
CIE _{LCh}	49, 14.009, 306.052
Yxy	17.7254, 0.2971, 0.2866
Android (android.graphics.Color)	4286214536 (0xFF7A7188)
YUV	118.3130, 8.7197, 3.2335
Hunter-Lab	42.1015, 4.2281, -6.7852

Details

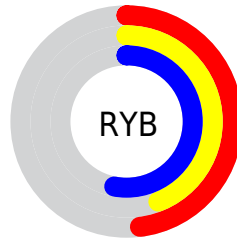
The XYZ color **18.3751, 17.7254, 25.7454** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.5378, 23.3130, 19.0410**, and the grayscale version is **17.2924, 18.1930, 19.8121**.

A 20% lighter version of the original color is **40.3196, 39.6984, 53.6816**, and **6.3177, 5.8689, 9.6039** is the 20% darker color. If you saturate the color by 10%, you get **15.8475, 14.3366, 25.2248**, and if you desaturate by 10%, it is **21.2311, 21.6220, 26.3473**.

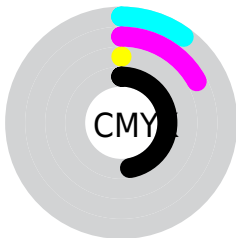
Distribution



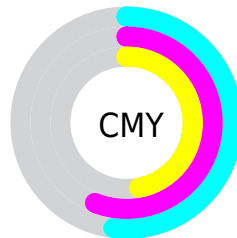
- Red (48%)
- Green (44%)
- Blue (53%)



- Red (48%)
- Yellow (44%)
- Blue (53%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (47%)



- Cyan (52%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3751, 17.7254, 25.7454 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 18.3751, 17.7254, 25.7454 by changing the saturation by 10% instead.

■ 18.3751, 17.7254,
25.7454

■ 18.3751, 17.7254,
25.7454

235.9818,
239.3187, 295.0956

■ 11.3209, 10.7530,
16.4092

■ 40.2005, 39.5689,
53.8430

■ 6.3520, 5.9010,
9.6567

■ 55.7025, 55.2087,
73.4414

■ 3.1030, 2.7850,
5.0693

■ 74.7512, 74.5065,
97.2977

■ 1.2084, 1.0205,
2.2285

■ 97.7119, 97.8467,
125.8304

■ 0.1130, 0.0000,
0.6908

124.9499,
125.6136, 159.4580

■ 0.0000, 0.0000,
0.0000

156.8307,

158.1916, 198.5990

193.7195,
195.9652, 243.6720

■ 18.3751, 17.7254,
25.7454

■ 18.3751, 17.7254,
25.7454

■ 15.8475, 14.3366,
25.2248

■ 21.2311, 21.6220,
26.3473

■ 13.6340, 11.4319,
24.7808

■ 24.4257, 26.0442,
27.0325

■ 11.7218, 8.9890,
24.4101

■ 27.9706, 31.0119,
27.8045

■ 10.0965, 6.9830,
24.1085

■ 31.8766, 36.5430,
28.6662

■ 8.7423, 5.3866,
23.8718

■ 36.1538, 42.6549,
29.6205

7.6416, 4.1691,
23.6948

40.8120, 49.3640,
30.6700

6.7747, 3.2955,
23.5718

45.8608, 56.6861,
31.8172

6.1077, 2.7030,
23.4926

51.3091, 64.6365,
33.0646

5.9234, 2.5403,
23.4709

57.1658, 73.2298,
34.4146

Harmonies

Analogous

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



17.1147, 17.7254, 27.4068



18.3751, 17.7254, 25.7454



19.2581, 17.7254, 22.3814

Triad

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



18.3751, 17.7254, 25.7454



17.8916, 17.7254, 13.4249



14.4628, 17.7254, 20.0712

Complementary

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



18.3751, 17.7254, 25.7454



20.5378, 23.3130, 19.0410

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.



14.6469, 17.7254, 16.5152



18.3751, 17.7254, 25.7454



16.5831, 17.7254, 12.9737

Square

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



18.3751, 17.7254, 25.7454



18.9689, 17.7254, 15.3551



15.4069, 17.7254, 14.0315



14.8904, 17.7254, 23.8685

Rectangle

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



18.3751, 17.7254, 25.7454



19.4897, 17.7254, 19.8013



15.4069, 17.7254, 14.0315



14.4555, 17.7254, 18.8071

Sweetspot

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



18.3756, 17.7261, 25.7458



38.3846, 39.4384, 46.6377



18.8677, 20.5150, 26.2582



8.8127, 9.0278, 10.7844



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.3756, 17.7261, 25.7458



30.7484, 29.0337, 45.0318



20.0725, 18.6009, 25.8252



4.9477, 4.9815, 6.3066



5.6162, 2.4094, 22.2147



0.0529, 0.0241, 0.1483

Inverse Universe

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



19.8898, 18.5776, 22.6170



33.9204, 30.8184, 38.4277



18.9458, 22.4923, 18.9665



5.1523, 5.0964, 5.8906



11.0845, 5.5439, 8.2150



0.0808, 0.0397, 0.0926

Previews

White Background



This preview shows how the XYZ color 18.3751, 17.7254, 25.7454 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 18.3751, 17.7254, 25.7454 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 18.3751, 17.7254, 25.7454

Background



This preview shows how black text looks on a background with the XYZ color 18.3751, 17.7254, 25.7454.



This preview shows how white text looks on a background with the XYZ color 18.3751, 17.7254,

25.7454.

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

18.3751, 17.7254, 25.7454

Protanopia

17.5149, 17.7705, 26.5517

Deuteranopia

18.0690, 17.7341, 25.7632



Tritanopia

17.5146, 17.7098, 21.5640

Trichromacy



Original Color

18.3751, 17.7254, 25.7454

Protanomaly

17.8485, 17.7806, 26.1582

Deuteranomaly

18.2070, 17.8053, 25.7697

Tritanomaly

17.7988, 17.6581, 22.8923

Monochromacy



Original Color

18.3751, 17.7254, 25.7454

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.5548, 17.8934, 21.9306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3751, 17.7254, 25.7454 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, 113, 136)` looks like.

```
.text, #text, p{  
    color:rgb(122, 113, 136)  
}
```

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, 113, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 113, 136) }
```

Border

The CSS property to change the border of an element to XYZ 18.3751, 17.7254, 25.7454 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, 113, 136) }
```


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

```
.border{ border-color:rgb(122, 113, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 113, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 113, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 113, 136);  
box-shadow:4px 4px 4px 4px rgb(122, 113,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3751, 17.7254, 25.7454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 113, 136) }
```

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

```
.background{ background-color: rgb(122,  
113, 136) }
```

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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