

Converting Colors

XYZ(18.1324, 17.7730, 10.4575)

Have a look what the booklet for
XYZ(18.1324, 17.7730, 10.4575)
contains.

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Color

**XYZ(18.1324, 17.7730,
10.4575)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7052
RGB	140, 112, 82
RGB Percent	55%, 44%, 32%
CMY	0.4510, 0.5608, 0.6784
CMYK	0.00, 0.20, 0.41, 0.45
HSL	31°, 26%, 44%
HSV	31°, 41%, 55%
XYZ	18.1324, 17.7730, 10.4575
YIQ	116.9520, 26.3180, -3.3940

Conversions

Conversions Part 2

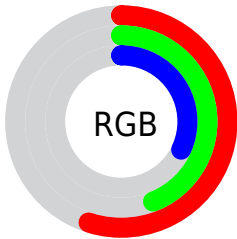
Format	Color
R_{YB}	136, 140, 82
Decimal	9203794
CIE _{Lab}	49.22, 6.72, 20.86
CIE _{LCh}	49, 21.911, 72.153
Yxy	17.7730, 0.3911, 0.3833
Android (android.graphics.Color)	4287393874 (0xFF8C7052)
YUV	116.9520, -17.2313, 20.2131
Hunter-Lab	42.1580, 2.9973, 14.8035

Details

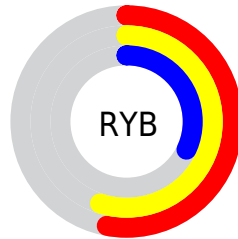
The XYZ color **18.1324, 17.7730, 10.4575** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.7891, 14.8386, 26.9484**, and the grayscale version is **16.9400, 17.8222, 19.4084**.

A 20% lighter version of the original color is **39.9460, 39.8190, 27.4102**, and **6.1918, 5.8751, 2.5579** is the 20% darker color. If you saturate the color by 10%, you get **16.9353, 16.1461, 7.6930**, and if you desaturate by 10%, it is **19.4951, 19.5570, 13.8140**.

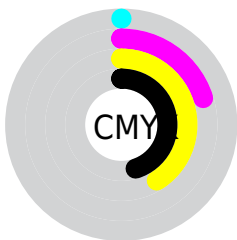
Distribution



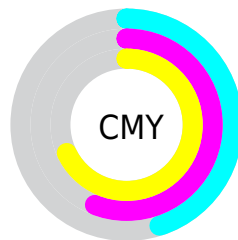
- Red (55%)
- Green (44%)
- Blue (32%)



- Red (53%)
- Yellow (55%)
- Blue (32%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (45%)



- Cyan (45%)
- Magenta (56%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1324, 17.7730, 10.4575 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 18.1324, 17.7730, 10.4575 by changing the saturation by 10% instead.

■ 18.1324, 17.7730,
10.4575

■ 18.1324, 17.7730,
10.4575

234.6474,
239.5884, 204.5089

■ 11.1453, 10.7871,
5.5938

■ 39.7911, 39.6501,
27.2737

■ 6.2327, 5.9239,
2.5349

■ 55.1935, 55.3102,
40.0632

■ 3.0291, 2.7989,
0.8586

■ 74.1317, 74.6305,
56.3318

■ 1.1692, 1.0276,
0.0000

■ 96.9711, 97.9953,
76.4979

■ 0.0818, 0.0000,
0.0000

■ 124.0770,
125.7891, 100.9802

■ 0.0000, 0.0000,
0.0000

155.8148,

158.3963, 130.1970

192.5498,
196.2013, 164.5671

■ 18.1324, 17.7730,
10.4575

■ 18.1324, 17.7730,
10.4575

■ 16.9353, 16.1461,
7.6930

■ 19.4951, 19.5570,
13.8140

■ 15.8946, 14.6688,
5.4838

■ 21.0293, 21.5004,
17.7938

■ 15.0021, 13.3363,
3.7910

■ 22.7423, 23.6086,
22.4274

■ 14.2480, 12.1427,
2.5702

■ 24.6405, 25.8859,
27.7430

■ 13.6212, 11.0813,
1.7688

■ 26.7298, 28.3365,
33.7669

■ 13.1599, 10.2649,
1.2877

■ 29.0161, 30.9644,
40.5244

■ 31.5049, 33.7734,
48.0391

■ 34.2013, 36.7672,
56.3338

■ 37.1105, 39.9494,
65.4304

Harmonies

Analogous

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



19.9935, 17.7730, 12.7094



18.1324, 17.7730, 10.4575



16.0747, 17.7730, 10.2657

Triad

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



18.1324, 17.7730, 10.4575



13.3180, 17.7730, 21.8324



19.6847, 17.7730, 29.0081

Complementary

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



18.1324, 17.7730, 10.4575



13.7891, 14.8386, 26.9484

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.



17.7380, 17.7730, 32.6510



18.1324, 17.7730, 10.4575



14.1303, 17.7730, 27.9798

Square

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



18.1324, 17.7730, 10.4575



13.4049, 17.7730, 16.0878



15.7108, 17.7730, 32.2405



20.9384, 17.7730, 23.0299

Rectangle

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



18.1324, 17.7730, 10.4575



14.8766, 17.7730, 11.2675



15.7108, 17.7730, 32.2405



19.0832, 17.7730, 30.5960

Sweetspot

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



18.1328, 17.7738, 10.4579



39.8344, 41.3052, 38.8217



16.6489, 12.7367, 16.3425



9.0987, 9.4201, 8.7259



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.1328, 17.7738, 10.4579



29.9316, 28.5689, 13.7272



21.5542, 24.8572, 11.6448



5.2328, 5.4485, 5.3283



11.7130, 9.1604, 1.1508



0.0925, 0.0902, 0.0125

Inverse Universe

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



13.7891, 14.8386, 26.9484



21.1691, 22.6499, 46.9991



11.3154, 9.7657, 26.0996



4.9608, 5.2646, 6.3605



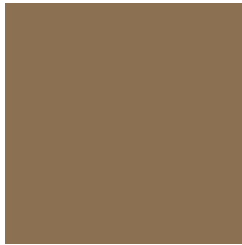
6.0398, 5.3499, 22.7600



0.0547, 0.0646, 0.1560

Previews

White Background



This preview shows how the XYZ color 18.1324, 17.7730, 10.4575 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 18.1324, 17.7730, 10.4575 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 18.1324, 17.7730, 10.4575

Background



This preview shows how black text looks on a background with the XYZ color 18.1324, 17.7730, 10.4575.



This preview shows how white text looks on a background with the XYZ color 18.1324, 17.7730,

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

18.1324, 17.7730, 10.4575

Protanopia

16.5657, 17.7983, 10.9498

Deuteranopia

18.1324, 17.7730, 10.4575



Tritanopia

19.8426, 17.8257, 18.9179

Trichromacy



Original Color

18.1324, 17.7730, 10.4575

Protanomaly

17.0521, 17.7113, 10.7035

Deuteranomaly

18.1324, 17.7730, 10.4575

Tritanomaly

19.1227, 17.6875, 15.5029

Monochromacy



Original Color

18.1324, 17.7730, 10.4575

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.0869, 17.6209, 15.5973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1324, 17.7730, 10.4575 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(140, 112, 82)` looks like.

```
.text, #text, p{  
    color:rgb(140, 112, 82)  
}
```

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(140, 112, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 112, 82) }
```

Border

The CSS property to change the border of an element to XYZ 18.1324, 17.7730, 10.4575 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(140, 112, 82) }
```


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

```
.border{ border-color:rgb(140, 112, 82) }
```

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

Here you see how a box with a 4 pixel rgb(140, 112, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 112, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 112, 82);  
box-shadow:4px 4px 4px 4px rgb(140, 112,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1324, 17.7730, 10.4575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 112, 82) }
```

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

```
.background{ background-color: rgb(140,  
112, 82) }
```

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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