

Converting Colors

XYZ(17.7234, 18.1823, 18.0381)

Have a look what the booklet for
XYZ(17.7234, 18.1823, 18.0381)
contains.

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Color

**XYZ(17.7434, 18.2524,
17.9171)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7570
RGB	125, 117, 112
RGB Percent	49%, 46%, 44%
CMY	0.5098, 0.5412, 0.5608
CMYK	0.00, 0.06, 0.10, 0.51
HSL	23°, 5%, 46%
HSV	23°, 10%, 49%
XYZ	17.7434, 18.2524, 17.9171
YIQ	118.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

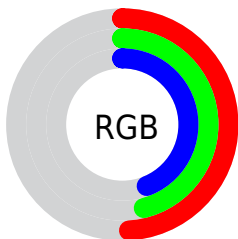
Format	Color
R_{YB}	125, 120, 112
Decimal	8222064
CIE Lab	49.80, 2.14, 3.85
CIE LCh	50, 4.405, 60.987
Yxy	18.2524, 0.3291, 0.3386
Android (android.graphics.Color)	4286412144 (0xFF7D7570)
YUV	118.8220, -3.3632, 5.4181
Hunter-Lab	42.7228, -0.6314, 5.0409

Details

The XYZ color **17.7434, 18.2524, 17.9171** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1002, 18.3581, 22.0445**, and the grayscale version is **17.4876, 18.3983, 20.0358**.

A 20% lighter version of the original color is **39.2489, 40.5212, 40.8747**, and **6.0340, 6.1629, 5.7220** is the 20% darker color. If you saturate the color by 10%, you get **16.2358, 16.2746, 14.2159**, and if you desaturate by 10%, it is **19.4223, 20.4177, 22.1526**.

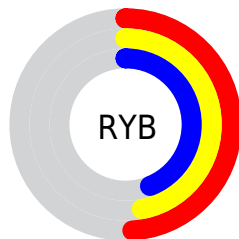
Distribution



Red (49%)

Green (46%)

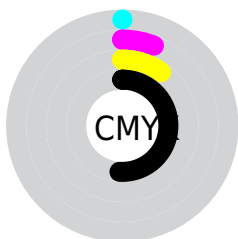
Blue (44%)



Red (49%)

Yellow (47%)

Blue (44%)

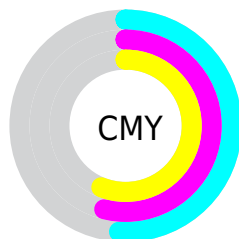


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (54%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7434, 18.2524, 17.9171 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 17.7434, 18.2524, 17.9171 by changing the saturation by 10% instead.

■ 17.7434, 18.2524,
17.9171

■ 17.7434, 18.2524,
17.9171

232.4944,
242.2899, 252.6238

■ 10.8645, 11.1313,
10.7217

■ 39.1331, 40.4669,
40.7080

■ 6.0424, 6.1553,
5.7682

■ 54.3746, 56.3292,
57.1406

■ 2.9118, 2.9397,
2.6381

■ 73.1344, 75.8740,
77.4893

■ 1.1073, 1.1003,
0.9120

■ 95.7778, 99.4858,
102.1727

■ 0.0312, 0.0000,
0.0000

122.6701,
127.5488, 131.6093

■ 0.0000, 0.0000,
0.0000

154.1767,

160.4476, 166.2177

190.6630,
198.5665, 206.4163

■ 17.7434, 18.2524,
17.9171

■ 17.7434, 18.2524,
17.9171

■ 16.2358, 16.2746,
14.2159

■ 19.4223, 20.4177,
22.1526

■ 14.8923, 14.4769,
11.0264

■ 21.2764, 22.7730,
26.9415

■ 13.7072, 12.8546,
8.3261

■ 23.3114, 25.3238,
32.3033

■ 12.6742, 11.4021,
6.0903

■ 25.5322, 28.0746,
38.2562

■ 11.7863, 10.1135,
4.2923

■ 27.9437, 31.0299,
44.8177

■ 11.0359, 8.9825,
2.9024

■ 30.5503, 34.1938,
52.0044

■ 10.4147, 8.0021,
1.8873

■ 33.3565, 37.5704,
59.8324

■ 9.9131, 7.1649,
1.2083

■ 36.3666, 41.1638,
68.3171

■ 9.5186, 6.4820,
0.7495

■ 39.5846, 44.9778,
77.4735

Harmonies

Analogous

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



18.0507, 18.2524, 18.7055



17.7434, 18.2524, 17.9171



17.3344, 18.2524, 17.6476

Triad

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



17.7434, 18.2524, 17.9171



16.5526, 18.2524, 19.9137



17.7679, 18.2524, 21.9253

Complementary

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



17.7434, 18.2524, 17.9171



17.1002, 18.3581, 22.0445

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.



17.3623, 18.2524, 22.2796



17.7434, 18.2524, 17.9171



16.6645, 18.2524, 21.0897

Square

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



17.7434, 18.2524, 17.9171



16.6510, 18.2524, 18.7719



16.9592, 18.2524, 21.9679



18.0649, 18.2524, 21.0179

Rectangle

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



17.7434, 18.2524, 17.9171



17.0604, 18.2524, 17.7896



16.9592, 18.2524, 21.9679



17.6395, 18.2524, 22.1147

Sweetspot

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



17.7439, 18.2532, 17.9175



33.9464, 35.4936, 37.5469



17.6431, 17.3051, 20.1852



7.6711, 8.0086, 8.4126



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.7439, 18.2532, 17.9175



31.2410, 31.9916, 30.7604



18.5254, 19.8163, 18.1780



4.4529, 4.5945, 4.5723



9.9279, 6.7521, 0.7800



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.1002, 18.3581, 22.0445



29.8957, 32.2108, 39.3860



16.3470, 16.8516, 21.7934



4.3118, 4.6175, 5.4773



6.6192, 7.0569, 21.2632



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.7434, 18.2524, 17.9171 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 17.7434, 18.2524, 17.9171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

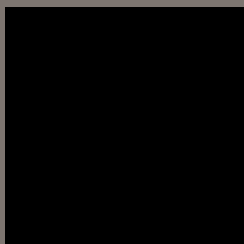
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.7434, 18.2524, 17.9171

Background



This preview shows how black text looks on a background with the XYZ color 17.7434, 18.2524, 17.9171.



This preview shows how white text looks on a background with the XYZ color 17.7434, 18.2524,

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

17.7434, 18.2524, 17.9171

Protanopia

17.4851, 18.2867, 18.2309

Deuteranopia

18.5137, 18.1324, 18.1469



Tritanopia

18.5212, 18.2287, 21.6111

Trichromacy



Original Color

17.7434, 18.2524, 17.9171

Protanomaly

17.6274, 18.3601, 18.2376

Deuteranomaly

18.1646, 18.1208, 18.1631

Tritanomaly

18.2397, 18.2825, 20.3368

Monochromacy



Original Color

17.7434, 18.2524, 17.9171

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.5160, 18.2828, 19.1287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7434, 18.2524, 17.9171 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(125, 117, 112)` looks like.

```
.text, #text, p{  
    color:rgb(125, 117, 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(125, 117, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 117, 112) }
```

Border

The CSS property to change the border of an element to XYZ 17.7434, 18.2524, 17.9171 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(125, 117, 112) }
```


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

```
.border{ border-color:rgb(125, 117, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 117, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 117, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 117, 112);  
box-shadow:4px 4px 4px 4px rgb(125, 117,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7434, 18.2524, 17.9171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 117, 112) }
```

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

```
.background{ background-color: rgb(125,  
117, 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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