

Converting Colors

XYZ(18.0034, 17.7007, 21.9556)

Have a look what the booklet for
XYZ(18.0034, 17.7007, 21.9556)
contains.

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Color

**XYZ(18.0312, 17.8004,
21.8875)**

Conversions

Conversions Part 1

Format	Color
Hex	7C727D
RGB	124, 114, 125
RGB Percent	49%, 45%, 49%
CMY	0.5137, 0.5529, 0.5098
CMYK	0.01, 0.09, 0.00, 0.51
HSL	295°, 5%, 47%
HSV	295°, 9%, 49%
XYZ	18.0312, 17.8004, 21.8875
YIQ	118.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

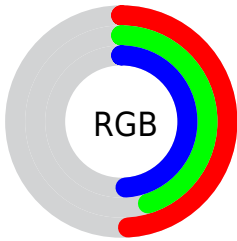
Format	Color
RYB	124, 114, 125
Decimal	8155773
CIELab	49.25, 6.03, -4.65
CIELCh	49, 7.620, 322.361
Yxy	17.8004, 0.3124, 0.3084
Android (android.graphics.Color)	4286345853 (0xFF7C727D)
YUV	118.2440, 3.3307, 5.0480
Hunter-Lab	42.1905, 2.4531, -1.2250

Details

The XYZ color **18.0312, 17.8004, 21.8875** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4417, 19.5274, 18.7704**, and the grayscale version is **17.2862, 18.1864, 19.8050**.

A 20% lighter version of the original color is **39.8036, 39.8339, 47.7103**, and **6.1544, 5.9141, 7.6546** is the 20% darker color. If you saturate the color by 10%, you get **16.5535, 15.0870, 21.4419**, and if you desaturate by 10%, it is **19.7046, 20.9017, 22.3982**.

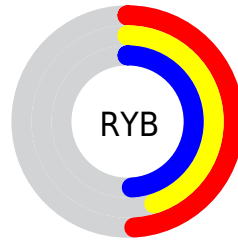
Distribution



Red (49%)

Green (45%)

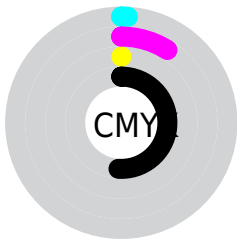
Blue (49%)



Red (49%)

Yellow (45%)

Blue (49%)

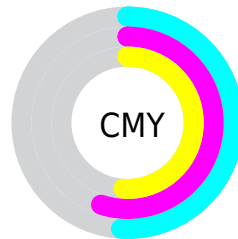


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (51%)



Cyan (51%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0312, 17.8004, 21.8875 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 18.0312, 17.8004, 21.8875 by changing the saturation by 10% instead.

■ 18.0312, 17.8004,
21.8875

■ 18.0312, 17.8004,
21.8875

234.0890,
239.7436, 274.8925

■ 11.0722, 10.8068,
13.5767

■ 39.6201, 39.6969,
47.4598

■ 6.1831, 5.9371,
7.6915

■ 54.9808, 55.3686,
65.5584

■ 2.9984, 2.8068,
3.8133

■ 73.8728, 74.7018,
87.7567

■ 1.1529, 1.0317,
1.5235

■ 96.6613, 98.0808,
114.4732

■ 0.0687, 0.0000,
0.2353

123.7119,
125.8901, 146.1265

■ 0.0000, 0.0000,
0.0000

155.3898,

158.5141, 183.1352

192.0604,
196.3371, 225.9176

■ 18.0312, 17.8004,
21.8875

■ 18.0312, 17.8004,
21.8875

■ 16.5535, 15.0870,
21.4419

■ 19.7046, 20.9017,
22.3982

■ 15.2620, 12.7437,
21.0577

■ 21.5794, 24.4033,
22.9752

■ 14.1491, 10.7547,
20.7324

■ 23.6630, 28.3198,
23.6214

■ 13.2058, 9.1021,
20.4631

■ 25.9622, 32.6644,
24.3388

■ 12.4224, 7.7665,
20.2466

■ 28.4832, 37.4499,
25.1296

■ 11.7882, 6.7266,
20.0793

■ 31.2320, 42.6882,
25.9958

■ 11.2912, 5.9582,
19.9572

■ 34.2145, 48.3910,
26.9394

■ 10.9174, 5.4337,
19.8757

■ 37.4364, 54.5696,
27.9622

■ 10.6283, 5.0757,
19.8218

■ 40.9029, 61.2347,
29.0660

Harmonies

Analogous

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



17.4473, 17.8004, 23.2566



18.0312, 17.8004, 21.8875



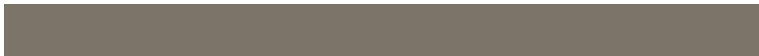
18.3186, 17.8004, 19.9099

Triad

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



18.0312, 17.8004, 21.8875



17.1022, 17.8004, 15.7345



15.6786, 17.8004, 20.9188

Complementary

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



18.0312, 17.8004, 21.8875



17.4417, 19.5274, 18.7704

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.



15.5921, 17.8004, 18.8628



18.0312, 17.8004, 21.8875



16.4010, 17.8004, 15.9629

Square

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



18.0312, 17.8004, 21.8875



17.7725, 17.8004, 16.4273



15.8530, 17.8004, 17.0747



16.0928, 17.8004, 22.6705

Rectangle

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



18.0312, 17.8004, 21.8875



18.2979, 17.8004, 18.5507



15.8530, 17.8004, 17.0747



15.6107, 17.8004, 20.2369

Sweetspot

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



18.0317, 17.8012, 21.8879



33.9617, 34.9698, 39.7042



16.7840, 17.3432, 21.8653



7.6755, 7.8625, 9.0161



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.



18.0317, 17.8012, 21.8879



31.6049, 30.6144, 38.9878



17.9020, 17.7661, 20.4470



4.4609, 4.3932, 5.4261



11.0541, 5.2523, 20.6811



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.5699, 17.6332, 18.6980



30.5656, 30.2371, 31.7797



17.5675, 19.5626, 20.1152



4.3424, 4.3501, 4.6077



8.8909, 4.5761, 0.7495



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.0312, 17.8004, 21.8875 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 18.0312, 17.8004, 21.8875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

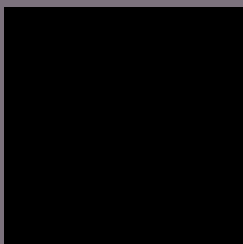
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.0312, 17.8004, 21.8875

Background



This preview shows how black text looks on a background with the XYZ color 18.0312, 17.8004, 21.8875.



This preview shows how white text looks on a background with the XYZ color 18.0312, 17.8004,

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

18.0312, 17.8004, 21.8875

Protanopia

17.2137, 17.7101, 22.2498

Deuteranopia

18.1764, 17.8753, 21.8943



Tritanopia

17.9046, 17.7498, 21.2213

Trichromacy



Original Color

18.0312, 17.8004, 21.8875

Protanomaly

17.5044, 17.6898, 22.2305

Deuteranomaly

18.1764, 17.8753, 21.8943

Tritanomaly

17.9676, 17.7749, 21.5527

Monochromacy



Original Color

18.0312, 17.8004, 21.8875

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.5582, 18.0961, 20.6566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0312, 17.8004, 21.8875 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(124, 114, 125) looks like.

```
.text, #text, p{  
    color:rgb(124, 114, 125)  
}
```

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(124, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 114, 125) }
```

Border

The CSS property to change the border of an element to XYZ 18.0312, 17.8004, 21.8875 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(124, 114, 125) }
```


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

```
.border{ border-color:rgb(124, 114, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 114, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(124, 114,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0312, 17.8004, 21.8875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 114, 125) }
```

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

```
.background{ background-color: rgb(124,  
114, 125) }
```

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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