

Converting Colors

XYZ(17.3860, 17.7873, 21.2513)

Have a look what the booklet for
XYZ(17.3860, 17.7873, 21.2513)
contains.

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Color

**XYZ(17.4283, 17.8428,
21.2643)**

Conversions

Conversions Part 1

Format	Color
Hex	77747B
RGB	119, 116, 123
RGB Percent	47%, 45%, 48%
CMY	0.5333, 0.5451, 0.5176
CMYK	0.03, 0.06, 0.00, 0.52
HSL	266°, 3%, 47%
HSV	266°, 6%, 48%
XYZ	17.4283, 17.8428, 21.2643
YIQ	117.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

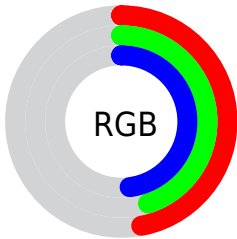
Format	Color
R_{YB}	119, 116, 123
Decimal	7828603
CIE Lab	49.30, 2.57, -3.44
CIE LCh	49, 4.297, 306.778
Yxy	17.8428, 0.3083, 0.3156
Android (android.graphics.Color)	4286018683 (0xFF77747B)
YUV	117.6950, 2.6154, 1.1445
Hunter-Lab	42.2407, -0.2732, -0.2785

Details

The XYZ color **17.4283, 17.8428, 21.2643** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9817, 19.4204, 19.3247**, and the grayscale version is **17.1172, 18.0086, 19.6114**.

A 20% lighter version of the original color is **38.5351, 39.7583, 46.2005**, and **5.9017, 5.9682, 7.3195** is the 20% darker color. If you saturate the color by 10%, you get **15.1740, 14.7138, 20.7794**, and if you desaturate by 10%, it is **19.9428, 21.3856, 21.8159**.

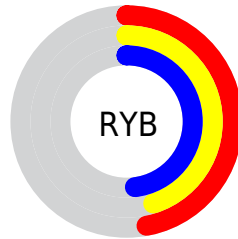
Distribution



Red (47%)

Green (45%)

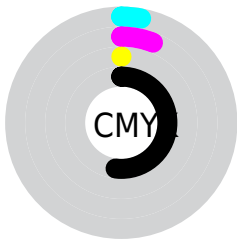
Blue (48%)



Red (47%)

Yellow (45%)

Blue (48%)

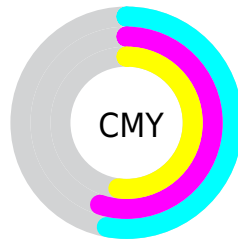


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (52%)



Cyan (53%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4283, 17.8428, 21.2643 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 17.4283, 17.8428, 21.2643 by changing the saturation by 10% instead.

■ 17.4283, 17.8428,
21.2643

■ 17.4283, 17.8428,
21.2643

230.7370,
239.9835, 271.5068

■ 10.6375, 10.8372,
13.1242

■ 38.5985, 39.7693,
46.4135

■ 5.8891, 5.9575,
7.3824

■ 53.7086, 55.4589,
64.2596

■ 2.8178, 2.8192,
3.6203

■ 72.3225, 74.8121,
86.1783

■ 1.0582, 1.0381,
1.4195

■ 94.8057, 98.2130,
112.5878

■ 0.0000, 0.0000,
0.1568

121.5233,
126.0463, 143.9070

■ 0.0000, 0.0000,
0.0000

152.8409,

158.6962, 180.5541

189.1236,
196.5471, 222.9479

■ 17.4283, 17.8428,
21.2643

■ 17.4283, 17.8428,
21.2643

■ 15.1740, 14.7138,
20.7794

■ 19.9428, 21.3856,
21.8159

■ 13.1695, 11.9809,
20.3576

■ 22.7243, 25.3546,
22.4354

■ 11.4058, 9.6285,
19.9965

■ 25.7814, 29.7644,
23.1254

■ 9.8731, 7.6390,
19.6932

■ 29.1217, 34.6282,
23.8882

■ 8.5605, 5.9933,
19.4448

■ 32.7526, 39.9587,
24.7257

■ 7.4562, 4.6706,
19.2477

■ 36.6812, 45.7681,
25.6400

■ 6.5475, 3.6479,
19.0982

■ 40.9142, 52.0682,
26.6329

■ 5.8195, 2.8987,
18.9919

■ 45.4583, 58.8701,
27.7063

■ 5.2484, 2.3781,
18.9215

■ 50.3199, 66.1850,
28.8620

Harmonies

Analogous

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



17.0509, 17.8428, 21.7212



17.4283, 17.8428, 21.2643



17.6828, 17.8428, 20.3180

Triad

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



17.4283, 17.8428, 21.2643



17.2671, 17.8428, 17.4546



16.1995, 17.8428, 19.6915

Complementary

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



17.4283, 17.8428, 21.2643



17.9817, 19.4204, 19.3247

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.



16.2553, 17.8428, 18.5639



17.4283, 17.8428, 21.2643



16.8675, 17.8428, 17.3017

Square

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



17.4283, 17.8428, 21.2643



17.5887, 17.8428, 18.1263



16.4983, 17.8428, 17.7002



16.3446, 17.8428, 20.7901

Rectangle

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



17.4283, 17.8428, 21.2643



17.7463, 17.8428, 19.5530



16.4983, 17.8428, 17.7002



16.1954, 17.8428, 19.3030

Sweetspot

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



17.4288, 17.8436, 21.2647



32.7943, 34.1748, 38.4246



17.5048, 18.5967, 21.4061



7.7390, 8.0704, 9.0529



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.



17.4288, 17.8436, 21.2647



30.5825, 31.0758, 37.9430



17.9062, 18.0897, 21.2870



4.0450, 4.1086, 5.0230



5.1947, 2.2507, 19.5459



23.8451, 10.2546, 93.1924

Inverse Universe

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



17.8046, 18.0586, 20.3175



31.4256, 31.5585, 35.8132



17.5162, 19.1804, 19.3029



4.1578, 4.1732, 4.7380



9.6010, 4.8165, 6.4557



45.3648, 22.8023, 28.5148

Previews

White Background



This preview shows how the XYZ color 17.4283, 17.8428, 21.2643 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 17.4283, 17.8428, 21.2643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

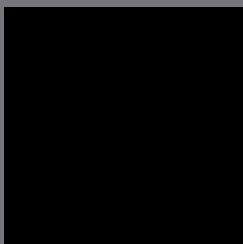
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

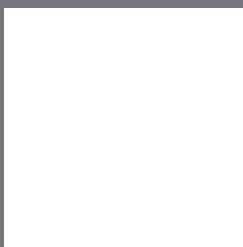
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4283, 17.8428, 21.2643

Background



This preview shows how black text looks on a background with the XYZ color 17.4283, 17.8428, 21.2643.



This preview shows how white text looks on a background with the XYZ color 17.4283, 17.8428,

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

17.4283, 17.8428, 21.2643

Protanopia

17.1567, 17.7028, 21.2516

Deuteranopia

18.1966, 17.9003, 21.2349



Tritanopia

17.5548, 17.8934, 21.9306

Trichromacy



Original Color

17.4283, 17.8428, 21.2643

Protanomaly

17.2918, 17.7724, 21.2579

Deuteranomaly

17.8743, 17.9025, 21.2523

Tritanomaly

17.4912, 17.8680, 21.5958

Monochromacy



Original Color

17.4283, 17.8428, 21.2643

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2227, 17.9302, 20.3224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4283, 17.8428, 21.2643 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(119, 116, 123)` looks like.

```
.text, #text, p{  
    color:rgb(119, 116, 123)  
}
```

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(119, 116, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 116, 123) }
```

Border

The CSS property to change the border of an element to XYZ 17.4283, 17.8428, 21.2643 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(119, 116, 123) }
```


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

```
.border{ border-color:rgb(119, 116, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 116, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 116, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 116, 123);  
box-shadow:4px 4px 4px 4px rgb(119, 116,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4283, 17.8428, 21.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 116, 123) }
```

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

```
.background{ background-color: rgb(119,  
116, 123) }
```

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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