

Converting Colors

XYZ(17.4914, 18.7475, 21.6588)

Have a look what the booklet for
XYZ(17.4914, 18.7475, 21.6588)
contains.

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Color

**XYZ(17.5457, 18.7748,
21.7679)**

Conversions

Conversions Part 1

Format	Color
Hex	73797C
RGB	115, 121, 124
RGB Percent	45%, 47%, 49%
CMY	0.5490, 0.5255, 0.5137
CMYK	0.07, 0.02, 0.00, 0.51
HSL	200°, 4%, 47%
HSV	200°, 7%, 49%
XYZ	17.5457, 18.7748, 21.7679
YIQ	119.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

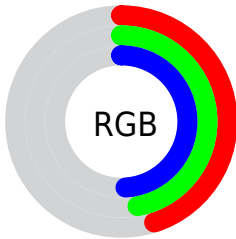
Format	Color
R_{YB}	115, 119, 124
Decimal	7567740
CIE _{Lab}	50.42, -1.61, -2.42
CIE _{LCh}	50, 2.909, 236.415
Yxy	18.7748, 0.3021, 0.3232
Android (android.graphics.Color)	4285757820 (0xFF73797C)
YUV	119.5480, 2.1948, -3.9886
Hunter-Lab	43.3299, -3.5468, 0.5451

Details

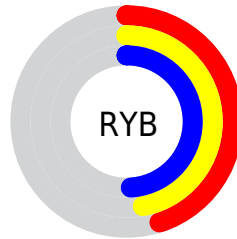
The XYZ color **17.5457, 18.7748, 21.7679** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8852, 18.4797, 18.8443**, and the grayscale version is **17.7031, 18.6251, 20.2827**.

A 20% lighter version of the original color is **38.7164, 41.2372, 46.9933**, and **5.9673, 6.4664, 7.5902** is the 20% darker color. If you saturate the color by 10%, you get **15.5324, 17.0080, 21.5333**, and if you desaturate by 10%, it is **19.8010, 20.6992, 22.0208**.

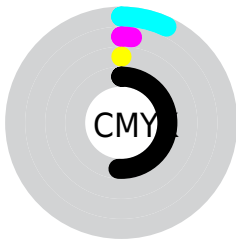
Distribution



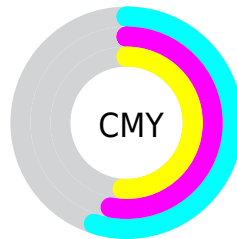
- Red (45%)
- Green (47%)
- Blue (49%)



- Red (45%)
- Yellow (47%)
- Blue (49%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (55%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5457, 18.7748, 21.7679 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 17.5457, 18.7748, 21.7679 by changing the saturation by 10% instead.

■ 17.5457, 18.7748,
21.7679

■ 17.5457, 18.7748,
21.7679

231.3932,
245.2027, 274.2456

■ 10.7220, 11.5077,
13.4898

■ 38.7979, 41.3532,
47.2593

■ 5.9461, 6.4094,
7.6320

■ 53.9570, 57.4333,
65.3097

■ 2.8527, 3.0956,
3.7760

■ 72.6255, 77.2198,
87.4546

■ 1.0764, 1.1818,
1.5033

■ 95.1684, 101.0971,
114.1126

■ 0.0052, 0.0468,
0.2204

121.9513,
129.4497, 145.7021

■ 0.0000, 0.0000,
0.0000

153.3395,

162.6619, 182.6418

189.6984,
201.1181, 225.3501

■ 17.5457, 18.7748,
21.7679

■ 17.5457, 18.7748,
21.7679

■ 15.5324, 17.0080,
21.5333

■ 19.8010, 20.6992,
22.0208

■ 13.7505, 15.3916,
21.3152

■ 22.3051, 22.7837,
22.2911

■ 12.1909, 13.9209,
21.1135

■ 25.0665, 25.0336,
22.5799

■ 10.8435, 12.5902,
20.9277

■ 28.0931, 27.4532,
22.8874

■ 9.6971, 11.3935,
20.7571

■ 31.3920, 30.0466,
23.2141

■ 8.7395, 10.3240,
20.6012

■ 34.9704, 32.8179,
23.5604

■ 7.9572, 9.3743,
20.4591

■ 38.8350, 35.7709,
23.9267

■ 7.3346, 8.5359,
20.3301

■ 42.9924, 38.9093,
24.3134

■ 6.8375, 7.7907,
20.2124

■ 47.4489, 42.2368,
24.7207

Harmonies

Analogous

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



17.3622, 18.7748, 21.1434



17.5457, 18.7748, 21.7679



17.8109, 18.7748, 22.0370

Triad

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



17.5457, 18.7748, 21.7679



18.3933, 18.7748, 20.5401



17.6040, 18.7748, 19.0790

Complementary

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



17.5457, 18.7748, 21.7679



17.8852, 18.4797, 18.8443

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.



17.8789, 18.7748, 18.9270



17.5457, 18.7748, 21.7679



18.3364, 18.7748, 19.7574

Square

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



17.5457, 18.7748, 21.7679



18.3018, 18.7748, 21.3164



18.1475, 18.7748, 19.1721



17.3956, 18.7748, 19.5929

Rectangle

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



17.5457, 18.7748, 21.7679



17.9990, 18.7748, 21.9735



18.1475, 18.7748, 19.1721



17.6916, 18.7748, 18.9845

Sweetspot

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



17.5462, 18.7756, 21.7683



32.8903, 34.7691, 38.5342



17.5393, 19.3649, 19.9066



7.7600, 8.2004, 9.0769



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.



17.5462, 18.7756, 21.7683



30.1509, 32.4105, 38.2233



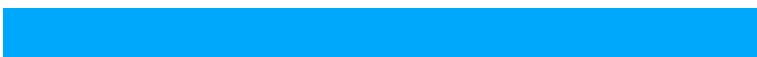
17.0292, 17.7416, 21.5960



3.9999, 4.2981, 5.0620



6.8167, 7.7158, 20.5153



31.7097, 35.1920, 97.5912

Inverse Universe

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



17.8945, 17.9274, 20.6072



30.9226, 30.5523, 35.6460



18.4096, 19.5284, 19.0191



4.1004, 4.0559, 4.7264



10.0241, 4.9858, 8.6837



47.4087, 23.6198, 39.2780

Previews

White Background



This preview shows how the XYZ color 17.5457, 18.7748, 21.7679 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.5457, 18.7748, 21.7679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

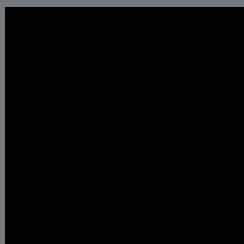
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

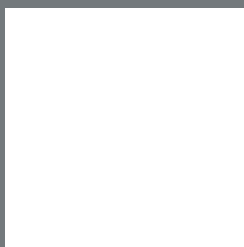
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5457, 18.7748, 21.7679

Background



This preview shows how black text looks on a background with the XYZ color 17.5457, 18.7748, 21.7679.



This preview shows how white text looks on a background with the XYZ color 17.5457, 18.7748,

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

17.5457, 18.7748, 21.7679

Protanopia

18.0571, 18.6887, 21.3945

Deuteranopia

19.0003, 18.6386, 21.9982



Tritanopia

17.9482, 18.7577, 23.7937

Trichromacy



Original Color

17.5457, 18.7748, 21.7679

Protanomaly

17.8994, 18.7849, 21.4213

Deuteranomaly

18.4923, 18.7226, 22.0412

Tritanomaly

17.8152, 18.7045, 23.0934

Monochromacy



Original Color

17.5457, 18.7748, 21.7679

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6389, 18.6650, 20.7622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5457, 18.7748, 21.7679 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(115, 121, 124) looks like.

```
.text, #text, p{  
    color:rgb(115, 121, 124)  
}
```

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(115, 121, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 121, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.5457, 18.7748, 21.7679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

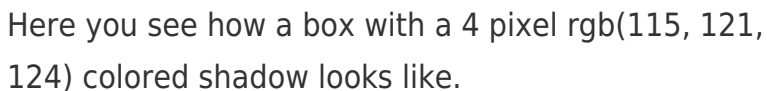
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 121, 124) }
```


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

```
.border{ border-color:rgb(115, 121, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 121, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 121, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 121, 124); box-shadow:4px 4px 4px 4px rgb(115, 121, 124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5457, 18.7748, 21.7679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 121, 124) }
```

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

```
.background{ background-color: rgb(115,  
121, 124) }
```

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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