

Converting Colors

XYZ(15.5228, 17.6285, 18.2073)

Have a look what the booklet for
XYZ(15.5228, 17.6285, 18.2073)
contains.

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Color

**XYZ(15.5228, 17.6285,
18.2073)**

Conversions

Conversions Part 1

Format	Color
Hex	697871
RGB	105, 120, 113
RGB Percent	41%, 47%, 44%
CMY	0.5882, 0.5294, 0.5569
CMYK	0.13, 0.00, 0.06, 0.53
HSL	152°, 7%, 44%
HSV	152°, 13%, 47%
XYZ	15.5228, 17.6285, 18.2073
YIQ	114.7170, -6.6930, -5.3570

Conversions

Conversions Part 2

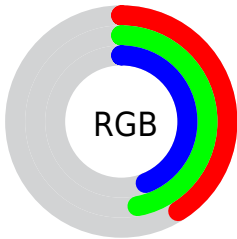
Format	Color
R_{YB}	105, 115, 120
Decimal	6912113
CIE Lab	49.04, -7.05, 1.96
CIE LCh	49, 7.317, 164.491
Yxy	17.6285, 0.3022, 0.3432
Android (android.graphics.Color)	4285102193 (0xFF697871)
YUV	114.7170, -0.8465, -8.5218
Hunter-Lab	41.9863, -7.4826, 3.6794

Details

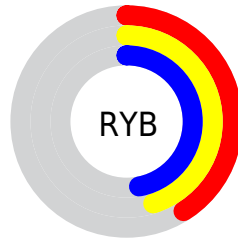
The XYZ color **15.5228, 17.6285, 18.2073** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7226, 15.2665, 17.4481**, and the grayscale version is **16.2144, 17.0588, 18.5770**.

A 20% lighter version of the original color is **35.2544, 39.2896, 41.3229**, and **5.0164, 5.9159, 5.8785** is the 20% darker color. If you saturate the color by 10%, you get **13.9060, 16.8308, 16.5363**, and if you desaturate by 10%, it is **17.3590, 18.5380, 19.9909**.

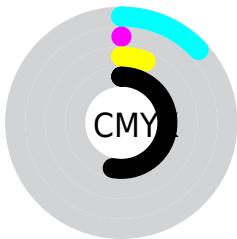
Distribution



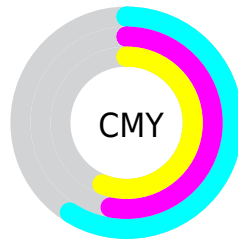
- Red (41%)
- Green (47%)
- Blue (44%)



- Red (41%)
- Yellow (45%)
- Blue (47%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (53%)



- Cyan (59%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5228, 17.6285, 18.2073 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 15.5228, 17.6285, 18.2073 by changing the saturation by 10% instead.

■ 15.5228, 17.6285,
18.2073

■ 15.5228, 17.6285,
18.2073

219.8353,
238.7687, 254.3121

■ 9.2758, 10.6836,
10.9279

■ 35.3319, 39.4033,
41.2089

■ 4.9801, 5.8545,
5.9048

■ 49.6248, 55.0019,
57.7683

■ 2.2702, 2.7568,
2.7194

■ 67.3303, 74.2540,
78.2581

■ 0.7794, 1.0061,
0.9532

■ 88.8138, 97.5438,
103.0968

■ 0.0000, 0.0000,
0.0000

114.4408,
125.2558, 132.7031

144.5764,

157.7743, 167.4953

179.5862,
195.4838, 207.8922

■ 15.5228, 17.6285,
18.2073

■ 15.5228, 17.6285,
18.2073

■ 13.9060, 16.8308,
16.5363

■ 17.3590, 18.5380,
19.9909

■ 12.4985, 16.1383,
14.9745

■ 19.4212, 19.5613,
21.8882

■ 11.2915, 15.5471,
13.5200

■ 21.7177, 20.7030,
23.9015

■ 10.2751, 15.0519,
12.1705

■ 24.2558, 21.9668,
26.0329

■ 9.4385, 14.6474,
10.9234

■ 27.0424, 23.3565,
28.2844

■ 8.7697, 14.3273,
9.7761

■ 30.0845, 24.8753,
30.6578

■ 8.2552, 14.0847,
8.7259

■ 33.3883, 26.5266,
33.1552

■ 7.8788, 13.9115,
7.7698

■ 36.9601, 28.3136,
35.7783

■ 7.6421, 13.8038,
7.1112

■ 40.8059, 30.2393,
38.5288

Harmonies

Analogous

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



15.8527, 17.6285, 16.6371



15.5228, 17.6285, 18.2073



15.5171, 17.6285, 20.1500

Triad

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



15.5228, 17.6285, 18.2073



17.0858, 17.6285, 23.0666



17.7087, 17.6285, 16.6801

Complementary

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



15.5228, 17.6285, 18.2073



15.7226, 15.2665, 17.4481

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.



18.0578, 17.6285, 18.2696



15.5228, 17.6285, 18.2073



17.6916, 17.6285, 22.0012

Square

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



15.5228, 17.6285, 18.2073



16.4070, 17.6285, 23.0471



18.0515, 17.6285, 20.2166



17.1086, 17.6285, 15.7970

Rectangle

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



15.5228, 17.6285, 18.2073



15.6972, 17.6285, 21.4016



18.0515, 17.6285, 20.2166



17.8600, 17.6285, 17.1445

Sweetspot

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



15.5233, 17.6292, 18.2077



29.9880, 32.3349, 34.6446



15.9808, 17.9149, 15.9804



7.0557, 7.6377, 8.1616



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.5233, 17.6292, 18.2077



26.4475, 30.5831, 31.1600



15.9029, 17.7330, 20.3549



4.0319, 4.4824, 4.7017



8.3294, 15.0554, 7.7195



39.2987, 71.6425, 34.5404

Inverse Universe

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



15.7226, 15.2665, 17.4481



26.8702, 25.5711, 29.5488



15.3731, 15.1675, 15.4821



4.0689, 4.0433, 4.5605



9.2220, 4.6649, 4.4599



43.5677, 22.0834, 19.0515

Previews

White Background



This preview shows how the XYZ color 15.5228, 17.6285, 18.2073 looks on a white background.

Color Contrast Check

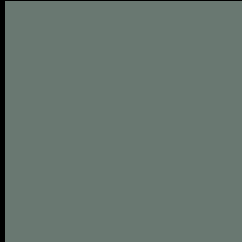
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5228, 17.6285, 18.2073 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

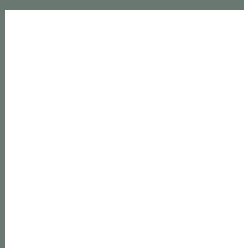
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5228, 17.6285, 18.2073

Background



This preview shows how black text looks on a background with the XYZ color 15.5228, 17.6285, 18.2073.

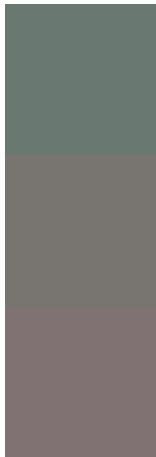


This preview shows how white text looks on a background with the XYZ color 15.5228, 17.6285,

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

15.5228, 17.6285, 18.2073

Protanopia

16.8604, 17.6315, 17.5535

Deuteranopia

17.9017, 17.6373, 18.6805



Tritanopia

16.3726, 17.6150, 22.6158

Trichromacy



Original Color

15.5228, 17.6285, 18.2073

Protanomaly

16.3562, 17.5373, 17.8522

Deuteranomaly

17.0284, 17.6988, 18.4383

Tritanomaly

16.0535, 17.6630, 20.9755

Monochromacy



Original Color

15.5228, 17.6285, 18.2073

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.9541, 17.3170, 18.4212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5228, 17.6285, 18.2073 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(105, 120, 113)` looks like.

```
.text, #text, p{  
    color:rgb(105, 120, 113)  
}
```

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(105, 120, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 120, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.5228, 17.6285, 18.2073 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(105, 120, 113) }
```


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

```
.border{ border-color:rgb(105, 120, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 120, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 120, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 120, 113);  
box-shadow:4px 4px 4px 4px rgb(105, 120,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5228, 17.6285, 18.2073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 120, 113) }
```

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

```
.background{ background-color: rgb(105,  
120, 113) }
```

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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