

Converting Colors

XYZ(16.4658, 18.0120, 17.6947)

Have a look what the booklet for
XYZ(16.4658, 18.0120, 17.6947)
contains.

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Color

**XYZ(16.4055, 17.9188,
17.6329)**

Conversions

Conversions Part 1

Format	Color
Hex	72776F
RGB	114, 119, 111
RGB Percent	45%, 47%, 44%
CMY	0.5529, 0.5333, 0.5647
CMYK	0.04, 0.00, 0.07, 0.53
HSL	98°, 3%, 45%
HSV	98°, 7%, 47%
XYZ	16.4055, 17.9188, 17.6329
YIQ	116.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

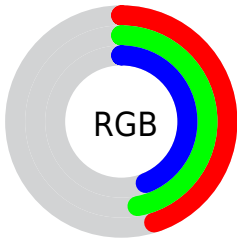
Format	Color
R_{YB}	111, 119, 116
Decimal	7501679
CIE _{Lab}	49.40, -3.50, 3.74
CIE _{LCh}	49, 5.119, 133.068
Yxy	17.9188, 0.3158, 0.3449
Android (android.graphics.Color)	4285691759 (0xFF72776F)
YUV	116.5930, -2.7573, -2.2741
Hunter-Lab	42.3306, -4.8997, 4.9341

Details

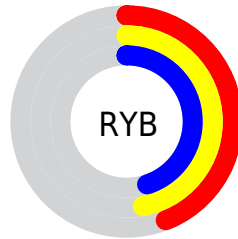
The XYZ color **16.4055, 17.9188, 17.6329** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2174, 16.4143, 19.7673**, and the grayscale version is **16.7915, 17.6660, 19.2382**.

A 20% lighter version of the original color is **36.8997, 39.8772, 40.4026**, and **5.3972, 6.0236, 5.5808** is the 20% darker color. If you saturate the color by 10%, you get **14.8649, 17.1959, 14.3652**, and if you desaturate by 10%, it is **18.1131, 18.7188, 21.3649**.

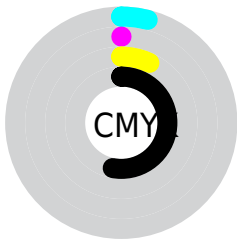
Distribution



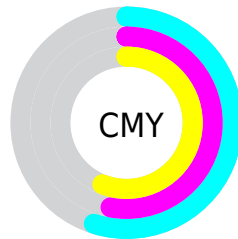
- Red (45%)
- Green (47%)
- Blue (44%)



- Red (44%)
- Yellow (47%)
- Blue (45%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (53%)



- Cyan (55%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4055, 17.9188, 17.6329 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 16.4055, 17.9188, 17.6329 by changing the saturation by 10% instead.

■ 16.4055, 17.9188,
17.6329

■ 16.4055, 17.9188,
17.6329

224.9464,
240.4130, 250.9599

■ 9.9042, 10.8917,
10.5200

■ 36.8525, 39.8989,
40.2162

■ 5.3973, 5.9941,
5.6350

■ 51.5290, 55.6207,
56.5238

■ 2.5193, 2.8415,
2.5593

■ 69.6612, 75.0096,
76.7334

■ 0.9050, 1.0495,
0.8713

■ 91.6146, 98.4498,
101.2635

■ 0.0000, 0.0000,
0.0000

117.7544,
126.3259, 130.5326

148.4461,

159.0222, 164.9594

184.0550,
196.9231, 204.9623

■ 16.4055, 17.9188,
17.6329

■ 16.4055, 17.9188,
17.6329

■ 14.8649, 17.1959,
14.3652

■ 18.1131, 18.7188,
21.3649

■ 13.4846, 16.5453,
11.5426

■ 19.9913, 19.5958,
25.5771

■ 12.2595, 15.9655,
9.1461

■ 22.0455, 20.5526,
30.2863

■ 11.1836, 15.4538,
7.1548

■ 24.2801, 21.5913,
35.5080

■ 10.2506, 15.0075,
5.5465

■ 26.6997, 22.7140,
41.2569

■ 9.4536, 14.6235,
4.2963

■ 29.3085, 23.9223,
47.5472

■ 8.7851, 14.2985,
3.3767

■ 32.1107, 25.2183,
54.3928

■ 8.2367, 14.0290,
2.7561

■ 35.1103, 26.6037,
61.8066

■ 7.7930, 13.8084,
2.3665

■ 38.3112, 28.0801,
69.8016

Harmonies

Analogous

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



16.8223, 17.9188, 17.0348



16.4055, 17.9188, 17.6329



16.1590, 17.9188, 18.7468

Triad

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



16.4055, 17.9188, 17.6329



16.7625, 17.9188, 22.1647



17.9512, 17.9188, 18.9158

Complementary

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



16.4055, 17.9188, 17.6329



16.2174, 16.4143, 19.7673

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.



17.9344, 17.9188, 20.2947



16.4055, 17.9188, 17.6329



17.2419, 17.9188, 22.2152

Square

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



16.4055, 17.9188, 17.6329



16.3624, 17.9188, 21.3820



17.6728, 17.9188, 21.5169



17.7182, 17.9188, 17.7516

Rectangle

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



16.4055, 17.9188, 17.6329



16.1214, 17.9188, 19.6531



17.6728, 17.9188, 21.5169



17.9747, 17.9188, 19.3687

Sweetspot

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



16.4060, 17.9196, 17.6333



30.7680, 32.7389, 34.5922



16.7154, 17.5458, 17.5448



7.3027, 7.7640, 8.2220



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.



16.4060, 17.9196, 17.6333



28.9504, 31.8871, 30.6577



16.0738, 17.7424, 17.8875



3.7583, 4.1589, 3.9469



8.1302, 14.5956, 2.3887



38.7376, 70.6717, 11.5993

Inverse Universe

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



16.2174, 16.4143, 19.7673



28.5423, 28.6302, 35.2749



16.5669, 16.6009, 19.4923



3.6999, 3.6926, 4.6080



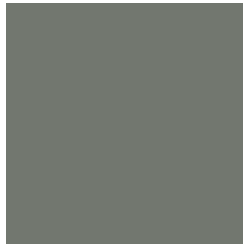
6.5594, 2.9728, 18.7707



30.9931, 13.9860, 91.4263

Previews

White Background



This preview shows how the XYZ color 16.4055, 17.9188, 17.6329 looks on a white background.

Color Contrast Check

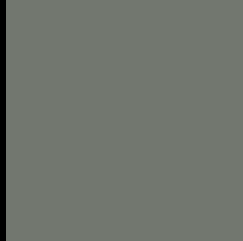
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.4055, 17.9188, 17.6329 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

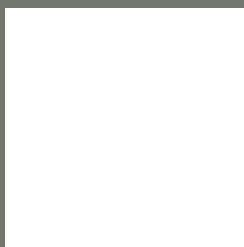
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4055, 17.9188, 17.6329

Background



This preview shows how black text looks on a background with the XYZ color 16.4055, 17.9188, 17.6329.



This preview shows how white text looks on a background with the XYZ color 16.4055, 17.9188,

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

16.4055, 17.9188, 17.6329

Protanopia

17.0609, 17.9133, 17.3103

Deuteranopia

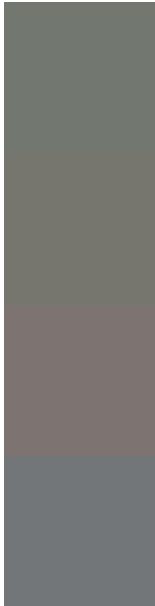
18.1898, 17.8054, 17.8073



Tritanopia

17.3296, 17.9419, 22.2884

Trichromacy



Original Color

16.4055, 17.9188, 17.6329

Protanomaly

16.7641, 17.9342, 17.3299

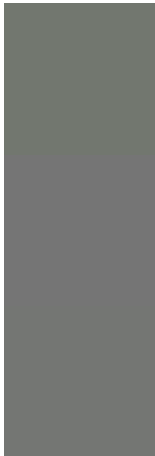
Deuteranomaly

17.5128, 17.7913, 17.8403

Tritanomaly

16.9999, 17.9822, 20.6641

Monochromacy



Original Color

16.4055, 17.9188, 17.6329

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.7754, 17.9077, 18.7920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4055, 17.9188, 17.6329 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(114, 119, 111)` looks like.

```
.text, #text, p{  
    color:rgb(114, 119, 111)  
}
```

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(114, 119, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 119, 111) }
```

Border

The CSS property to change the border of an element to XYZ 16.4055, 17.9188, 17.6329 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(114, 119, 111) }
```


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

```
.border{ border-color:rgb(114, 119, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 119, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 119, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 119, 111);  
box-shadow:4px 4px 4px 4px rgb(114, 119,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4055, 17.9188, 17.6329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 119, 111) }
```

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

```
.background{ background-color: rgb(114,  
119, 111) }
```

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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