

Converting Colors

XYZ(17.3055, 18.1055, 17.6219)

Have a look what the booklet for
XYZ(17.3055, 18.1055, 17.6219)
contains.

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Color

**XYZ(17.2566, 18.0079,
17.6053)**

Conversions

Conversions Part 1

Format	Color
Hex	7A756F
RGB	122, 117, 111
RGB Percent	48%, 46%, 44%
CMY	0.5216, 0.5412, 0.5647
CMYK	0.00, 0.04, 0.09, 0.52
HSL	33°, 5%, 46%
HSV	33°, 9%, 48%
XYZ	17.2566, 18.0079, 17.6053
YIQ	117.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

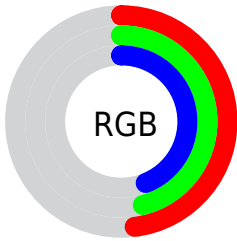
Format	Color
R_{YB}	120, 122, 111
Decimal	8025455
CIE Lab	49.51, 0.77, 3.98
CIE LCh	50, 4.057, 79.042
Yxy	18.0079, 0.3264, 0.3406
Android (android.graphics.Color)	4286215535 (0xFF7A756F)
YUV	117.8110, -3.3578, 3.6738
Hunter-Lab	42.4357, -1.6750, 5.1074

Details

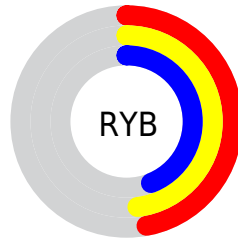
The XYZ color **17.2566, 18.0079, 17.6053** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3138, 17.2751, 20.8872**, and the grayscale version is **17.1703, 18.0645, 19.6723**.

A 20% lighter version of the original color is **38.2544, 40.0189, 40.3585**, and **5.7730, 6.0316, 5.5626** is the 20% darker color. If you saturate the color by 10%, you get **16.0036, 16.5043, 14.0967**, and if you desaturate by 10%, it is **18.6406, 19.6263, 21.6107**.

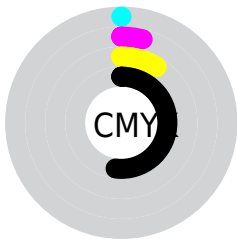
Distribution



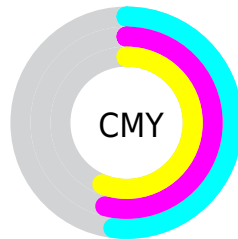
- Red (48%)
- Green (46%)
- Blue (44%)



- Red (47%)
- Yellow (48%)
- Blue (44%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2566, 18.0079, 17.6053 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 17.2566, 18.0079, 17.6053 by changing the saturation by 10% instead.

■ 17.2566, 18.0079,
17.6053

■ 17.2566, 18.0079,
17.6053

229.7743,
240.9156, 250.7978

■ 10.5140, 10.9557,
10.5005

■ 38.3065, 40.0508,
40.1684

■ 5.8060, 6.0370,
5.6221

■ 53.3446, 55.8102,
56.4638

■ 2.7670, 2.8676,
2.5517

■ 71.8786, 75.2408,
76.6598

■ 1.0318, 1.0630,
0.8673

■ 94.2738, 98.7270,
101.1749

■ 0.0000, 0.0000,
0.0000

120.8957,
126.6532, 130.4278

152.1094,

159.4038, 164.8368

188.2805,
197.3631, 204.8206

■ 17.2566, 18.0079,
17.6053

■ 17.2566, 18.0079,
17.6053

■ 16.0036, 16.5043,
14.0967

■ 18.6406, 19.6263,
21.6107

■ 14.8757, 15.1104,
11.0641

■ 20.1583, 21.3597,
26.1304

■ 13.8690, 13.8240,
8.4869

■ 21.8141, 23.2116,
31.1823

■ 12.9783, 12.6419,
6.3425

■ 23.6117, 25.1844,
36.7832

■ 12.1984, 11.5610,
4.6063

■ 25.5548, 27.2805,
42.9492

■ 11.5235, 10.5778,
3.2513

■ 27.6468, 29.5023,
49.6955

■ 10.9471, 9.6883,
2.2471

■ 29.8910, 31.8520,
57.0371

■ 10.4618, 8.8885,
1.5587

■ 32.2907, 34.3317,
64.9880

■ 10.0470, 8.1687,
1.0817

■ 34.8489, 36.9437,
73.5622

Harmonies

Analogous

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



17.6042, 18.0079, 18.0547



17.2566, 18.0079, 17.6053



16.8764, 18.0079, 17.6772

Triad

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



17.2566, 18.0079, 17.6053



16.4280, 18.0079, 20.3051



17.6792, 18.0079, 21.0255

Complementary

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



17.2566, 18.0079, 17.6053



16.3138, 17.2751, 20.8872

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.



17.3578, 18.0079, 21.6736



17.2566, 18.0079, 17.6053



16.6369, 18.0079, 21.2470

Square

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



17.2566, 18.0079, 17.6053



16.4018, 18.0079, 19.2086



16.9761, 18.0079, 21.7561



17.8506, 18.0079, 20.0120

Rectangle

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



17.2566, 18.0079, 17.6053



16.6554, 18.0079, 18.0117



16.9761, 18.0079, 21.7561



17.5849, 18.0079, 21.2949

Sweetspot

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



17.2571, 18.0087, 17.6057



31.7788, 33.3495, 35.0540



16.8709, 16.7708, 18.9118



7.2262, 7.5787, 7.8990



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.



17.2571, 18.0087, 17.6057



29.8444, 31.0699, 29.5101



17.8032, 19.1778, 17.8026



4.1626, 4.3437, 4.2435



10.5284, 8.5127, 1.0882



49.3619, 38.8872, 4.9043

Inverse Universe

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



16.3138, 17.2751, 20.8872



27.8011, 29.4810, 36.6180



15.7993, 16.1777, 20.7024



3.9337, 4.1656, 5.0399



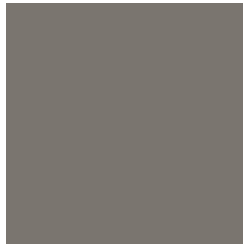
5.1501, 4.3826, 19.9598



23.7378, 19.2482, 94.9339

Previews

White Background



This preview shows how the XYZ color 17.2566, 18.0079, 17.6053 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 17.2566, 18.0079, 17.6053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

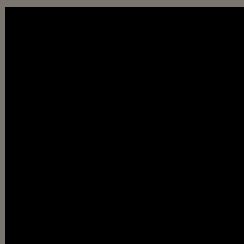
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

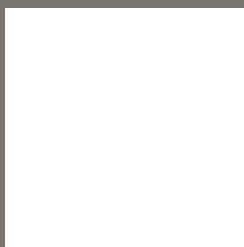
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2566, 18.0079, 17.6053

Background



This preview shows how black text looks on a background with the XYZ color 17.2566, 18.0079, 17.6053.



This preview shows how white text looks on a background with the XYZ color 17.2566, 18.0079,

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

17.2566, 18.0079, 17.6053

Protanopia

17.1157, 17.9352, 17.5987

Deuteranopia

18.3020, 18.0298, 17.8447



Tritanopia

18.0810, 18.0018, 21.5905

Trichromacy



Original Color

17.2566, 18.0079, 17.6053

Protanomaly

17.1157, 17.9352, 17.5987

Deuteranomaly

17.9575, 18.0205, 17.8611

Tritanomaly

17.7435, 18.0336, 19.9984

Monochromacy



Original Color

17.2566, 18.0079, 17.6053

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1807, 18.1166, 18.8110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2566, 18.0079, 17.6053 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(122, 117, 111)` looks like.

```
.text, #text, p{  
    color:rgb(122, 117, 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(122, 117, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 117, 111) }
```

Border

The CSS property to change the border of an element to XYZ 17.2566, 18.0079, 17.6053 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(122, 117, 111) }
```


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

```
.border{ border-color:rgb(122, 117, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 117, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 117, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 117, 111);  
box-shadow:4px 4px 4px 4px rgb(122, 117,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2566, 18.0079, 17.6053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 117, 111) }
```

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

```
.background{ background-color: rgb(122,  
117, 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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