

Converting Colors

XYZ(17.1802, 16.6954, 18.0089)

Have a look what the booklet for
XYZ(17.1802, 16.6954, 18.0089)
contains.

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Color

**XYZ(17.0535, 16.5652,
17.9214)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6D71
RGB	126, 109, 113
RGB Percent	49%, 43%, 44%
CMY	0.5059, 0.5725, 0.5569
CMYK	0.00, 0.13, 0.10, 0.51
HSL	346°, 7%, 46%
HSV	346°, 13%, 49%
XYZ	17.0535, 16.5652, 17.9214
YIQ	114.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

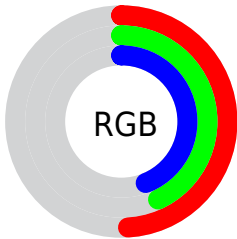
Format	Color
RYB	126, 109, 113
Decimal	8285553
CIELab	47.71, 7.41, 0.23
CIELCh	48, 7.411, 1.814
Yxy	16.5652, 0.3309, 0.3214
Android (android.graphics.Color)	4286475633 (0xFF7E6D71)
YUV	114.5390, -0.7587, 10.0513
Hunter-Lab	40.7004, 3.5661, 2.3834

Details

The XYZ color **17.0535, 16.5652, 17.9214** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2811, 19.5785, 21.2816**, and the grayscale version is **16.1571, 16.9985, 18.5114**.

A 20% lighter version of the original color is **37.9527, 37.4419, 40.8240**, and **5.7373, 5.4047, 5.7418** is the 20% darker color. If you saturate the color by 10%, you get **15.2906, 13.8618, 14.7977**, and if you desaturate by 10%, it is **19.0677, 19.6785, 21.4135**.

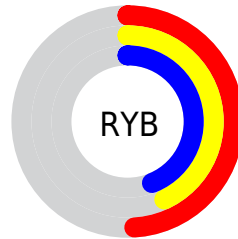
Distribution



Red (49%)

Green (43%)

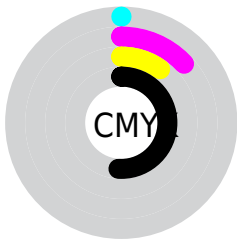
Blue (44%)



Red (49%)

Yellow (43%)

Blue (44%)

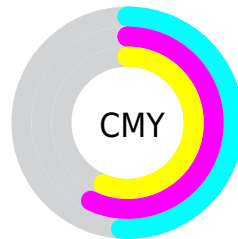


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0535, 16.5652, 17.9214 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 17.0535, 16.5652, 17.9214 by changing the saturation by 10% instead.

■ 17.0535, 16.5652,
17.9214

■ 17.0535, 16.5652,
17.9214

228.6307,
232.6541, 252.6489

■ 10.3682, 9.9250,
10.7247

■ 37.9606, 37.5767,
40.7155

■ 5.7079, 5.3492,
5.7702

■ 52.9131, 52.7167,
57.1499

■ 2.7072, 2.4536,
2.6393

■ 71.3520, 71.4588,
77.5008

■ 1.0009, 0.8533,
0.9127

■ 93.6428, 94.1874,
102.1865

■ 0.0000, 0.0000,
0.0000

120.1506,
121.2868, 131.6256

151.2410,

153.1415, 166.2367

187.2793,
190.1358, 206.4382

■ 17.0535, 16.5652,
17.9214

■ 17.0535, 16.5652,
17.9214

■ 15.2906, 13.8618,
14.7977

■ 19.0677, 19.6785,
21.4135

■ 13.7675, 11.5491,
12.0292

■ 21.3412, 23.2156,
25.2846

■ 12.4743, 9.6095,
9.6035

■ 23.8833, 27.1924,
29.5460

■ 11.3993, 8.0235,
7.5070

■ 26.7025, 31.6232,
34.2084

■ 10.5303, 6.7694,
5.7250

■ 29.8068, 36.5218,
39.2819

■ 9.8533, 5.8235,
4.2419

■ 33.2041, 41.9015,
44.7764

■ 9.3530, 5.1585,
3.0406

■ 36.9018, 47.7748,
50.7014

■ 9.0103, 4.7406,
2.1018

■ 40.9071, 54.1539,
57.0660

■ 8.8340, 4.5276,
1.6122

■ 45.2269, 61.0506,
63.8792

Harmonies

Analogous

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



16.8952, 16.5652, 19.8166



17.0535, 16.5652, 17.9214



16.8530, 16.5652, 16.1798

Triad

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



17.0535, 16.5652, 17.9214



15.0823, 16.5652, 15.1089



15.1503, 16.5652, 21.4497

Complementary

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



17.0535, 16.5652, 17.9214



17.2811, 19.5785, 21.2816

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.



14.6861, 16.5652, 20.0305



17.0535, 16.5652, 17.9214



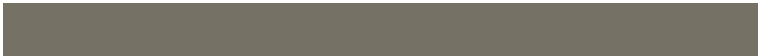
14.6477, 16.5652, 16.3667

Square

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



17.0535, 16.5652, 17.9214



15.7044, 16.5652, 14.6283



14.5047, 16.5652, 18.1525



15.7851, 16.5652, 21.9372

Rectangle

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



17.0535, 16.5652, 17.9214



16.5460, 16.5652, 15.3167



14.5047, 16.5652, 18.1525



14.9697, 16.5652, 21.0610

Sweetspot

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



17.0540, 16.5659, 17.9218



33.3362, 34.2865, 37.3023



17.2258, 16.5638, 22.0281



7.5278, 7.7137, 8.3903



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.



17.0540, 16.5659, 17.9218



29.0787, 27.7141, 29.8945



17.2981, 17.4066, 16.9170



4.3660, 4.3596, 4.7320



9.0612, 4.6442, 1.6462



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.0540, 16.5659, 17.9218



29.0787, 27.7141, 29.8945



17.0021, 18.6159, 22.4360



4.3660, 4.3596, 4.7320



9.0612, 4.6442, 1.6462



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0535, 16.5652, 17.9214 looks on a white background.

Color Contrast Check

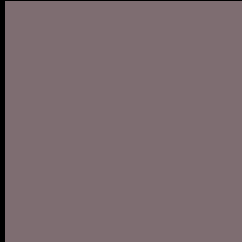
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0535, 16.5652, 17.9214 looks on a black 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

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

XYZ 17.0535, 16.5652, 17.9214

Background



This preview shows how black text looks on a background with the XYZ color 17.0535, 16.5652, 17.9214.



This preview shows how white text looks on a background with the XYZ color 17.0535, 16.5652,

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

17.0535, 16.5652, 17.9214

Protanopia

16.0699, 16.6929, 18.5947

Deuteranopia

16.8687, 16.6292, 17.9435



Tritanopia

17.3258, 16.5215, 19.1054

Trichromacy



Original Color

17.0535, 16.5652, 17.9214

Protanomaly

16.4392, 16.7252, 18.2814

Deuteranomaly

17.0140, 16.7041, 17.9503

Tritanomaly

17.2673, 16.4981, 18.7974

Monochromacy



Original Color

17.0535, 16.5652, 17.9214

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5501, 16.9471, 18.3184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0535, 16.5652, 17.9214 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(126, 109, 113)` looks like.

```
.text, #text, p{  
    color:rgb(126, 109, 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(126, 109, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 109, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.0535, 16.5652, 17.9214 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(126, 109, 113) }
```


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

```
.border{ border-color:rgb(126, 109, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 109, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 109, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 109, 113);  
box-shadow:4px 4px 4px 4px rgb(126, 109,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0535, 16.5652, 17.9214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 109, 113) }
```

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

```
.background{ background-color: rgb(126,  
109, 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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