

Converting Colors

XYZ(17.4066, 18.4285, 17.9689)

Have a look what the booklet for
XYZ(17.4066, 18.4285, 17.9689)
contains.

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Color

**XYZ(17.4066, 18.4285,
17.9689)**

Conversions

Conversions Part 1

Format	Color
Hex	797770
RGB	121, 119, 112
RGB Percent	47%, 47%, 44%
CMY	0.5255, 0.5333, 0.5608
CMYK	0.00, 0.02, 0.07, 0.53
HSL	47°, 4%, 46%
HSV	47°, 7%, 47%
XYZ	17.4066, 18.4285, 17.9689
YIQ	118.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

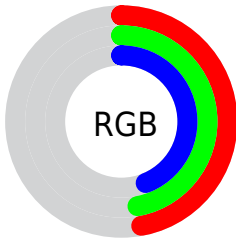
Format	Color
R_{YB}	115, 121, 112
Decimal	7960432
CIE _{Lab}	50.01, -0.59, 4.11
CIE _{LCh}	50, 4.153, 98.198
Yxy	18.4285, 0.3235, 0.3425
Android (android.graphics.Color)	4286150512 (0xFF797770)
YUV	118.8000, -3.3524, 1.9294
Hunter-Lab	42.9284, -2.7467, 5.2324

Details

The XYZ color **17.4066, 18.4285, 17.9689** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1505, 16.8594, 20.4922**, and the grayscale version is **17.4813, 18.3917, 20.0286**.

A 20% lighter version of the original color is **38.4973, 40.6904, 40.9470**, and **5.8511, 6.2544, 5.7493** is the 20% darker color. If you saturate the color by 10%, you get **16.4628, 17.5475, 14.5508**, and if you desaturate by 10%, it is **18.4510, 19.3654, 21.8677**.

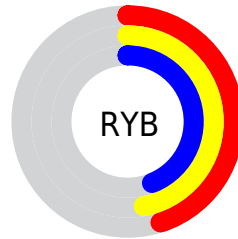
Distribution



Red (47%)

Green (47%)

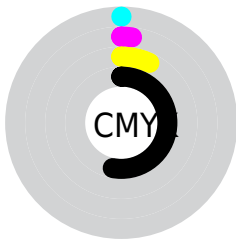
Blue (44%)



Red (45%)

Yellow (47%)

Blue (44%)

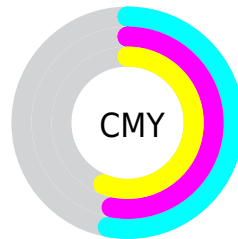


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4066, 18.4285, 17.9689 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 17.4066, 18.4285, 17.9689 by changing the saturation by 10% instead.

■ 17.4066, 18.4285,
17.9689

■ 17.4066, 18.4285,
17.9689

230.6156,
243.2753, 252.9259

■ 10.6219, 11.2581,
10.7585

■ 38.5616, 40.7661,
40.7975

■ 5.8786, 6.2407,
5.7925

■ 53.6626, 56.7021,
57.2528

■ 2.8114, 2.9920,
2.6526

■ 72.2665, 76.3288,
77.6268

■ 1.0548, 1.1275,
0.9194

■ 94.7385, 100.0304,
102.3380

■ 0.0000, 0.0013,
0.0000

121.4441,
128.1915, 131.8050

■ 0.0000, 0.0000,
0.0000

152.7486,

161.1964, 166.4463

189.0173,
199.4296, 206.6804

■ 17.4066, 18.4285,
17.9689

■ 17.4066, 18.4285,
17.9689

■ 16.4628, 17.5475,
14.5508

■ 18.4510, 19.3654,
21.8677

■ 15.6145, 16.7184,
11.5934

■ 19.5979, 20.3573,
26.2640

■ 14.8582, 15.9403,
9.0768

■ 20.8512, 21.4064,
31.1750

■ 14.1897, 15.2115,
6.9794

■ 22.2140, 22.5140,
36.6168

■ 13.6046, 14.5300,
5.2777

■ 23.6892, 23.6816,
42.6050

■ 13.0978, 13.8936,
3.9459

■ 25.2798, 24.9103,
49.1543

■ 12.6638, 13.3001,
2.9550

■ 26.9885, 26.2014,
56.2789

■ 12.2962, 12.7467,
2.2718

■ 28.8179, 27.5560,
63.9926

■ 11.9800, 12.2273,
1.8177

■ 30.7707, 28.9753,
72.3086

Harmonies

Analogous

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



17.8022, 18.4285, 18.0943



17.4066, 18.4285, 17.9689



17.0457, 18.4285, 18.3882

Triad

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



17.4066, 18.4285, 17.9689



16.9199, 18.4285, 21.4547



18.2376, 18.4285, 20.8925

Complementary

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



17.4066, 18.4285, 17.9689



16.1505, 16.8594, 20.4922

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.



17.9943, 18.4285, 21.8418



17.4066, 18.4285, 17.9689



17.2324, 18.4285, 22.1749

Square

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



17.4066, 18.4285, 17.9689



16.7675, 18.4285, 20.3803



17.6253, 18.4285, 22.3192



18.2859, 18.4285, 19.7539

Rectangle

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



17.4066, 18.4285, 17.9689



16.8719, 18.4285, 18.9300



17.6253, 18.4285, 22.3192



18.1757, 18.4285, 21.2455

Sweetspot

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



17.4071, 18.4293, 17.9693



32.1559, 33.8927, 35.8302



16.7225, 16.8707, 18.3247



7.3591, 7.7555, 8.2174



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.



17.4071, 18.4293, 17.9693



30.8562, 32.7126, 31.0217



17.3151, 18.7384, 18.0338



4.2359, 4.4903, 4.2679



12.7457, 12.9473, 1.8273



60.1461, 60.4556, 8.4991

Inverse Universe

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



16.1505, 16.8594, 20.4922



28.0974, 29.2660, 36.5609



16.2372, 16.5734, 20.4324



3.8631, 4.0246, 5.0164



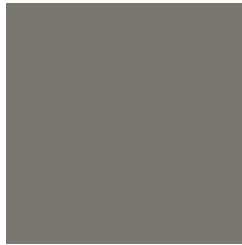
4.1072, 2.2969, 19.6122



19.0570, 9.8867, 93.3737

Previews

White Background



This preview shows how the XYZ color 17.4066, 18.4285, 17.9689 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 17.4066, 18.4285, 17.9689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

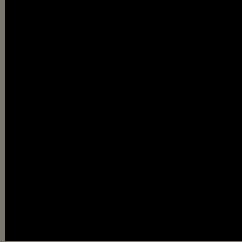
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.4066, 18.4285, 17.9689

Background



This preview shows how black text looks on a background with the XYZ color 17.4066, 18.4285, 17.9689.

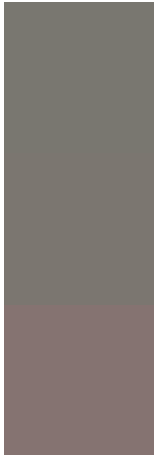


This preview shows how white text looks on a background with the XYZ color 17.4066, 18.4285,

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

17.4066, 18.4285, 17.9689

Protanopia

17.5714, 18.3377, 17.9426

Deuteranopia

18.7842, 18.4403, 18.1921



Tritanopia

18.2956, 18.4399, 22.3336

Trichromacy



Original Color

17.4066, 18.4285, 17.9689

Protanomaly

17.4291, 18.2643, 17.9360

Deuteranomaly

18.2793, 18.3502, 18.2013

Tritanomaly

17.9557, 18.4749, 20.7088

Monochromacy



Original Color

17.4066, 18.4285, 17.9689

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4949, 18.4477, 19.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4066, 18.4285, 17.9689 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(121, 119, 112)` looks like.

```
.text, #text, p{  
    color:rgb(121, 119, 112)  
}
```

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(121, 119, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 119, 112) }
```

Border

The CSS property to change the border of an element to XYZ 17.4066, 18.4285, 17.9689 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(121, 119, 112) }
```


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

```
.border{ border-color:rgb(121, 119, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 119, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 119, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 119, 112);  
box-shadow:4px 4px 4px 4px rgb(121, 119,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4066, 18.4285, 17.9689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 119, 112) }
```

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

```
.background{ background-color: rgb(121,  
119, 112) }
```

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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