

Converting Colors

XYZ(16.7875, 16.9351, 17.5316)

Have a look what the booklet for
XYZ(16.7875, 16.9351, 17.5316)
contains.

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Color

**XYZ(16.6895, 16.8736,
17.4162)**

Conversions

Conversions Part 1

Format	Color
Hex	7A706F
RGB	122, 112, 111
RGB Percent	48%, 44%, 44%
CMY	0.5216, 0.5608, 0.5647
CMYK	0.00, 0.08, 0.09, 0.52
HSL	5°, 5%, 46%
HSV	5°, 9%, 48%
XYZ	16.6895, 16.8736, 17.4162
YIQ	114.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

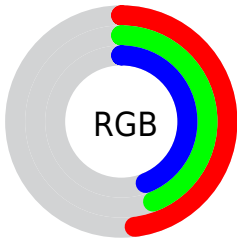
Format	Color
R_{YB}	122, 112, 111
Decimal	8024175
CIE _{Lab}	48.10, 3.69, 1.95
CIE _{LCh}	48, 4.177, 27.859
Yxy	16.8736, 0.3274, 0.3310
Android (android.graphics.Color)	4286214255 (0xFF7A706F)
YUV	114.8760, -1.9109, 6.2477
Hunter-Lab	41.0775, 0.6377, 3.6162

Details

The XYZ color **16.6895, 16.8736, 17.4162** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9058, 18.4592, 21.0847**, and the grayscale version is **16.2628, 17.1097, 18.6325**.

A 20% lighter version of the original color is **37.3419, 38.1939, 40.0544**, and **5.4783, 5.4421, 5.4643** is the 20% darker color. If you saturate the color by 10%, you get **14.9142, 14.3254, 13.7335**, and if you desaturate by 10%, it is **18.7083, 19.7614, 21.6332**.

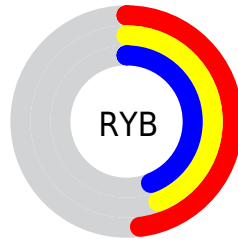
Distribution



Red (48%)

Green (44%)

Blue (44%)



Red (48%)

Yellow (44%)

Blue (44%)

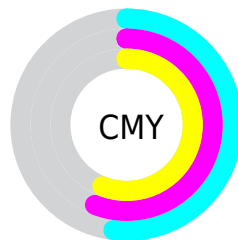


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6895, 16.8736, 17.4162 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 16.6895, 16.8736, 17.4162 by changing the saturation by 10% instead.

■ 16.6895, 16.8736,
17.4162

■ 16.6895, 16.8736,
17.4162

226.5679,
234.4429, 249.6842

■ 10.1073, 10.1444,
10.3666

■ 37.3390, 38.1083,
39.8404

■ 5.5330, 5.4948,
5.5339

■ 52.1370, 53.3826,
56.0521

■ 2.6012, 2.5404,
2.4996

■ 70.4043, 72.2741,
76.1549

■ 0.9466, 0.8968,
0.8400

■ 92.5063, 95.1672,
100.5673

■ 0.0000, 0.0000,
0.0000

118.8083,
122.4462, 129.7079

149.6757,

154.4956, 163.9952

185.4738,
191.6997, 203.8478

■ 16.6895, 16.8736,
17.4162

■ 16.6895, 16.8736,
17.4162

■ 14.9142, 14.3254,
13.7335

■ 18.7083, 19.7614,
21.6332

■ 13.3717, 12.1022,
10.5627

■ 20.9777, 22.9983,
26.4034

■ 12.0528, 10.1915,
7.8814

■ 23.5065, 26.5963,
31.7464

■ 10.9471, 8.5794,
5.6653

■ 26.3026, 30.5660,
37.6801

■ 10.0434, 7.2508,
3.8878

■ 29.3734, 34.9176,
44.2220

■ 9.3293, 6.1892,
2.5198

■ 32.7262, 39.6610,
51.3887

■ 8.7912, 5.3765,
1.5284

■ 36.3679, 44.8057,
59.1961

■ 8.4137, 4.7923,
0.8760

■ 40.3053, 50.3609,
67.6597

■ 8.1667, 4.4082,
0.4549

■ 44.5448, 56.3353,
76.7943

Harmonies

Analogous

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



16.7757, 16.8736, 18.4504



16.6895, 16.8736, 17.4162



16.4279, 16.8736, 16.6646

Triad

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



16.6895, 16.8736, 17.4162



15.4299, 16.8736, 17.2865



16.0107, 16.8736, 20.5336

Complementary

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



16.6895, 16.8736, 17.4162



16.9058, 18.4592, 21.0847

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.



15.6540, 16.8736, 20.1933



16.6895, 16.8736, 17.4162



15.3220, 16.8736, 18.2948

Square

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



16.6895, 16.8736, 17.4162



15.7004, 16.8736, 16.5918



15.4034, 16.8736, 19.3631



16.3801, 16.8736, 20.2763

Rectangle

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



16.6895, 16.8736, 17.4162



16.1913, 16.8736, 16.4104



15.4034, 16.8736, 19.3631



15.8854, 16.8736, 20.4850

Sweetspot

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



16.6900, 16.8743, 17.4166



31.4204, 32.6326, 34.9345



17.1671, 16.8893, 20.4715



7.1258, 7.3778, 7.8656



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.



16.6900, 16.8743, 17.4166



28.6230, 28.6271, 29.1029



17.3056, 18.1055, 17.6218



4.0250, 4.0684, 4.1976



8.5743, 4.6044, 0.4368



40.6144, 21.3922, 1.9885

Inverse Universe

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



16.9058, 18.4592, 21.0847



29.0905, 32.0597, 37.0478



16.2661, 17.1799, 20.8715



4.0774, 4.4530, 5.0878



9.6671, 13.4167, 21.4655



45.7869, 63.3465, 102.2837

Previews

White Background



This preview shows how the XYZ color 16.6895, 16.8736, 17.4162 looks on a white background.

Color Contrast Check

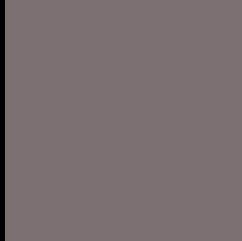
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.6895, 16.8736, 17.4162 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 16.6895, 16.8736, 17.4162

Background



This preview shows how black text looks on a background with the XYZ color 16.6895, 16.8736, 17.4162.



This preview shows how white text looks on a background with the XYZ color 16.6895, 16.8736,

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

16.6895, 16.8736, 17.4162

Protanopia

16.2781, 16.9864, 17.7500

Deuteranopia

17.0494, 16.7352, 17.3705



Tritanopia

17.1826, 16.9117, 19.8114

Trichromacy



Original Color

16.6895, 16.8736, 17.4162

Protanomaly

16.4375, 16.9020, 17.7253

Deuteranomaly

17.0111, 16.8766, 17.3998

Tritanomaly

17.0052, 16.8408, 18.8773

Monochromacy



Original Color

16.6895, 16.8736, 17.4162

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5258, 17.1011, 18.3494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6895, 16.8736, 17.4162 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, 112, 111)` looks like.

```
.text, #text, p{  
    color:rgb(122, 112, 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, 112, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 112, 111) }
```

Border

The CSS property to change the border of an element to XYZ 16.6895, 16.8736, 17.4162 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, 112, 111) }
```


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

```
.border{ border-color:rgb(122, 112, 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, 112, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 112, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 112, 111);  
box-shadow:4px 4px 4px 4px rgb(122, 112,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6895, 16.8736, 17.4162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 112, 111) }
```

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

```
.background{ background-color: rgb(122,  
112, 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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