

Converting Colors

XYZ(15.9842, 18.0620, 17.5879)

Have a look what the booklet for
XYZ(15.9842, 18.0620, 17.5879)
contains.

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Color

**XYZ(16.0133, 18.0737,
17.6835)**

Conversions

Conversions Part 1

Format	Color
Hex	6D796F
RGB	109, 121, 111
RGB Percent	43%, 47%, 44%
CMY	0.5725, 0.5255, 0.5647
CMYK	0.10, 0.00, 0.08, 0.53
HSL	130°, 5%, 45%
HSV	130°, 10%, 47%
XYZ	16.0133, 18.0737, 17.6835
YIQ	116.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

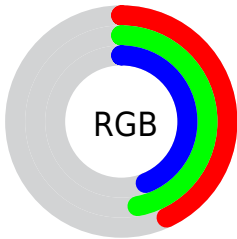
Format	Color
R_{YB}	109, 119, 121
Decimal	7174511
CIE Lab	49.59, -6.54, 3.96
CIE LCh	50, 7.647, 148.816
Yxy	18.0737, 0.3093, 0.3491
Android (android.graphics.Color)	4285364591 (0xFF6D796F)
YUV	116.2720, -2.5991, -6.3775
Hunter-Lab	42.5132, -7.1630, 5.0973

Details

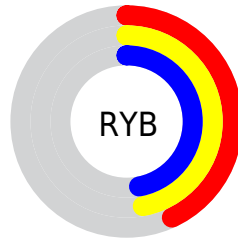
The XYZ color **16.0133, 18.0737, 17.6835** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6842, 16.3346, 19.7272**, and the grayscale version is **16.6930, 17.5623, 19.1253**.

A 20% lighter version of the original color is **36.2524, 40.1086, 40.4814**, and **5.1390, 5.9857, 5.5871** is the 20% darker color. If you saturate the color by 10%, you get **14.1018, 17.1494, 14.8576**, and if you desaturate by 10%, it is **18.1935, 19.1303, 20.8500**.

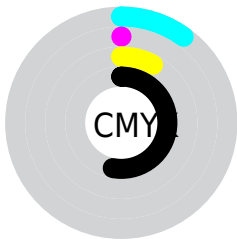
Distribution



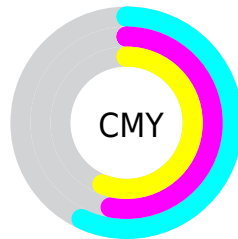
- Red (43%)
- Green (47%)
- Blue (44%)



- Red (43%)
- Yellow (47%)
- Blue (47%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0133, 18.0737, 17.6835 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 16.0133, 18.0737, 17.6835 by changing the saturation by 10% instead.

■ 16.0133, 18.0737,
17.6835

■ 16.0133, 18.0737,
17.6835

222.6890,
241.2861, 251.2569

■ 9.6245, 11.0029,
10.5559

■ 36.1786, 40.1629,
40.3039

■ 5.2110, 6.0688,
5.6587

■ 50.6857, 55.9500,
56.6338

■ 2.4076, 2.8870,
2.5733

■ 68.6296, 75.4115,
76.8682

■ 0.8489, 1.0730,
0.8786

■ 90.3758, 98.9315,
101.4257

■ 0.0000, 0.0000,
0.0000

116.2894,
126.8946, 130.7247

146.7359,

159.6852, 165.1839

182.0807,
197.6875, 205.2218

■ 16.0133, 18.0737,
17.6835

■ 16.0133, 18.0737,
17.6835

■ 14.1018, 17.1494,
14.8576

■ 18.1935, 19.1303,
20.8500

■ 12.4471, 16.3499,
12.3597

■ 20.6506, 20.3217,
24.3667

■ 11.0385, 15.6706,
10.1784

■ 23.3945, 21.6533,
28.2443

■ 9.8643, 15.1056,
8.3009

■ 26.4342, 23.1294,
32.4926

■ 8.9114, 14.6485,
6.7139

■ 29.7780, 24.7542,
37.1211

■ 8.1658, 14.2924,
5.4026

■ 33.4342, 26.5318,
42.1391

■ 7.6117, 14.0294,
4.3514

■ 37.4106, 28.4659,
47.5553

■ 7.2307, 13.8505,
3.5429

■ 41.7147, 30.5604,
53.3783

■ 6.9675, 13.7275,
2.9559

■ 46.3540, 32.8187,
59.6164

Harmonies

Analogous

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



16.5153, 18.0737, 16.3843



16.0133, 18.0737, 17.6835



15.8221, 18.0737, 19.5968

Triad

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



16.0133, 18.0737, 17.6835



17.1497, 18.0737, 23.9467



18.4291, 18.0737, 17.8169

Complementary

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



16.0133, 18.0737, 17.6835



16.6842, 16.3346, 19.7272

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.



18.6103, 18.0737, 19.7618



16.0133, 18.0737, 17.6835



17.8592, 18.0737, 23.3886

Square

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



16.0133, 18.0737, 17.6835



16.4668, 18.0737, 23.2961



18.3989, 18.0737, 21.8196



17.9105, 18.0737, 16.4575

Rectangle

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



16.0133, 18.0737, 17.6835



15.8925, 18.0737, 20.9951



18.3989, 18.0737, 21.8196



18.5321, 18.0737, 18.4194

Sweetspot

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



16.0138, 18.0745, 17.6839



31.2933, 33.6330, 35.4787



17.2337, 18.7159, 17.1724



7.0902, 7.6587, 8.0179



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.



16.0138, 18.0745, 17.6839



27.8170, 31.9496, 30.4062



16.3438, 18.2065, 19.4215



3.9756, 4.4599, 4.4055



7.4610, 14.7081, 3.1466



35.3711, 70.0715, 13.8581

Inverse Universe

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



16.6842, 16.3346, 19.7272



29.2826, 28.1461, 34.8725



16.3463, 16.1994, 17.9476



4.1272, 4.0666, 4.8674



10.9553, 5.3583, 13.5873



51.9881, 25.4516, 63.3927

Previews

White Background



This preview shows how the XYZ color 16.0133, 18.0737, 17.6835 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 16.0133, 18.0737, 17.6835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

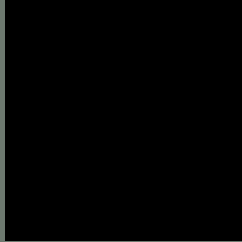
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

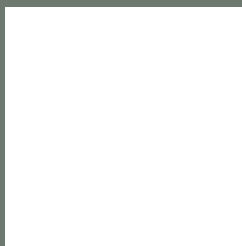
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0133, 18.0737, 17.6835

Background



This preview shows how black text looks on a background with the XYZ color 16.0133, 18.0737, 17.6835.



This preview shows how white text looks on a background with the XYZ color 16.0133, 18.0737,

17.6835.

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

16.0133, 18.0737, 17.6835

Protanopia

17.1476, 17.9643, 17.0317

Deuteranopia

18.3020, 18.0298, 17.8447



Tritanopia

17.1752, 18.1969, 23.0292

Trichromacy



Original Color

16.0133, 18.0737, 17.6835

Protanomaly

16.6290, 17.8646, 17.3236

Deuteranomaly

17.4543, 18.1034, 17.9036

Tritanomaly

16.7849, 18.2176, 21.0440

Monochromacy



Original Color

16.0133, 18.0737, 17.6835

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3257, 17.6825, 18.4722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0133, 18.0737, 17.6835 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(109, 121, 111)` looks like.

```
.text, #text, p{  
    color:rgb(109, 121, 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(109, 121, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 121, 111) }
```

Border

The CSS property to change the border of an element to XYZ 16.0133, 18.0737, 17.6835 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(109, 121, 111) }
```


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

```
.border{ border-color:rgb(109, 121, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 121, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 121, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 121, 111);  
box-shadow:4px 4px 4px 4px rgb(109, 121,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0133, 18.0737, 17.6835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 121, 111) }
```

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

```
.background{ background-color: rgb(109,  
121, 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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