

Converting Colors

XYZ(16.6200, 18.0417, 17.3684)

Have a look what the booklet for
XYZ(16.6200, 18.0417, 17.3684)
contains.

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Color

**XYZ(16.6138, 18.0324,
17.3568)**

Conversions

Conversions Part 1

Format	Color
Hex	74776E
RGB	116, 119, 110
RGB Percent	45%, 47%, 43%
CMY	0.5451, 0.5333, 0.5686
CMYK	0.03, 0.00, 0.08, 0.53
HSL	80°, 4%, 45%
HSV	80°, 8%, 47%
XYZ	16.6138, 18.0324, 17.3568
YIQ	117.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

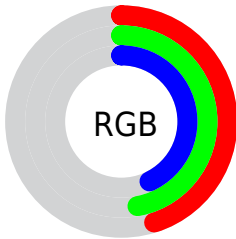
Format	Color
R_{YB}	110, 119, 113
Decimal	7632750
CIE Lab	49.54, -2.92, 4.55
CIE LCh	50, 5.404, 122.665
Yxy	18.0324, 0.3195, 0.3468
Android (android.graphics.Color)	4285822830 (0xFF74776E)
YUV	117.0770, -3.4890, -0.9445
Hunter-Lab	42.4646, -4.4768, 5.4912

Details

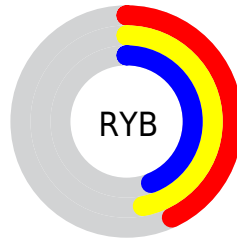
The XYZ color **16.6138, 18.0324, 17.3568** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7163, 15.9949, 19.7126**, and the grayscale version is **16.9430, 17.8254, 19.4118**.

A 20% lighter version of the original color is **37.2329, 40.0593, 39.9522**, and **5.5066, 6.0832, 5.4414** is the 20% darker color. If you saturate the color by 10%, you get **15.4929, 17.5250, 14.1463**, and if you desaturate by 10%, it is **17.8453, 18.5878, 21.0275**.

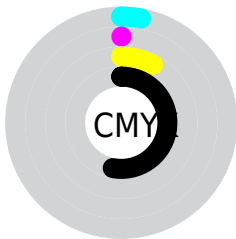
Distribution



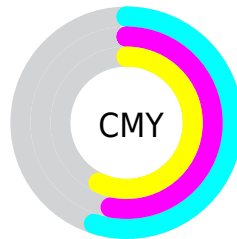
- Red (45%)
- Green (47%)
- Blue (43%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (53%)



- Cyan (55%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6138, 18.0324, 17.3568 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 16.6138, 18.0324, 17.3568 by changing the saturation by 10% instead.

■ 16.6138, 18.0324,
17.3568

■ 16.6138, 18.0324,
17.3568

226.1368,
241.0536, 249.3334

■ 10.0531, 10.9733,
10.3246

■ 37.2095, 40.0925,
39.7373

■ 5.4967, 6.0489,
5.5063

■ 51.9752, 55.8623,
55.9225

■ 2.5793, 2.8748,
2.4834

■ 70.2066, 75.3044,
75.9959

■ 0.9354, 1.0667,
0.8313

■ 92.2690, 98.8032,
100.3760

■ 0.0000, 0.0000,
0.0000

118.5280,
126.7431, 129.4812

149.3486,

159.5086, 163.7302

185.0965,
197.4839, 203.5414

■ 16.6138, 18.0324,
17.3568

■ 16.6138, 18.0324,
17.3568

■ 15.4929, 17.5250,
14.1463

■ 17.8453, 18.5878,
21.0275

■ 14.4773, 17.0617,
11.3767

■ 19.1894, 19.1903,
25.1744

■ 13.5636, 16.6417,
9.0290

■ 20.6500, 19.8421,
29.8142

■ 12.7476, 16.2633,
7.0824

■ 22.2302, 20.5444,
34.9622

■ 12.0247, 15.9245,
5.5144

■ 23.9332, 21.2986,
40.6334

■ 11.3899, 15.6235,
4.3002

■ 25.7618, 22.1058,
46.8419

■ 10.8376, 15.3579,
3.4119

■ 27.7189, 22.9671,
53.6015

■ 10.3614, 15.1250,
2.8178

■ 29.8074, 23.8838,
60.9252

■ 9.9460, 14.9189,
2.4387

■ 32.0297, 24.8569,
68.8258

Harmonies

Analogous

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



17.0936, 18.0324, 16.9524



16.6138, 18.0324, 17.3568



16.2802, 18.0324, 18.3688

Triad

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



16.6138, 18.0324, 17.3568



16.6915, 18.0324, 22.2447



18.1408, 18.0324, 19.5035

Complementary

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



16.6138, 18.0324, 17.3568



15.7163, 15.9949, 19.7126

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.



18.0280, 18.0324, 20.9565



16.6138, 18.0324, 17.3568



17.1850, 18.0324, 22.5850

Square

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



16.6138, 18.0324, 17.3568



16.3244, 18.0324, 21.1943



17.6757, 18.0324, 22.1026



17.9808, 18.0324, 18.1526

Rectangle

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



16.6138, 18.0324, 17.3568



16.1820, 18.0324, 19.2767



17.6757, 18.0324, 22.1026



18.1335, 18.0324, 19.9961

Sweetspot

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



16.6143, 18.0332, 17.3572



30.9409, 32.8280, 34.6003



16.3279, 16.8585, 17.1456



7.3407, 7.7835, 8.2238



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.



16.6143, 18.0332, 17.3572



29.4026, 32.1338, 30.0674



16.0305, 17.7322, 17.3299



3.8537, 4.2080, 3.9514



10.4529, 15.7930, 2.4974



50.0024, 76.4790, 12.1265

Inverse Universe

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



15.7163, 15.9949, 19.7126



27.4618, 27.7286, 35.1578



16.3098, 16.3008, 19.7403



3.6051, 3.6437, 4.6035



4.4446, 1.8826, 18.6717



20.8352, 8.7494, 90.9510

Previews

White Background



This preview shows how the XYZ color 16.6138, 18.0324, 17.3568 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 16.6138, 18.0324, 17.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

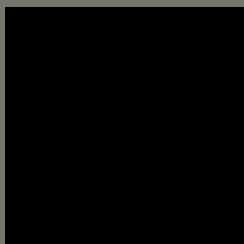
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

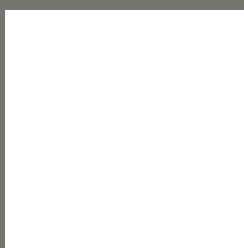
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6138, 18.0324, 17.3568

Background



This preview shows how black text looks on a background with the XYZ color 16.6138, 18.0324, 17.3568.



This preview shows how white text looks on a background with the XYZ color 16.6138, 18.0324,

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

16.6138, 18.0324, 17.3568

Protanopia

17.1476, 17.9643, 17.0317

Deuteranopia

18.4023, 18.0879, 17.5603



Tritanopia

17.5984, 18.0805, 22.3010

Trichromacy



Original Color

16.6138, 18.0324, 17.3568

Protanomaly

16.9845, 18.0541, 17.0576

Deuteranomaly

17.7188, 18.0741, 17.5937

Tritanomaly

17.2047, 18.0948, 20.3552

Monochromacy



Original Color

16.6138, 18.0324, 17.3568

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8518, 17.9537, 18.4968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6138, 18.0324, 17.3568 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(116, 119, 110)` looks like.

```
.text, #text, p{  
    color:rgb(116, 119, 110)  
}
```

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(116, 119, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 119, 110) }
```

Border

The CSS property to change the border of an element to XYZ 16.6138, 18.0324, 17.3568 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(116, 119, 110) }
```


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

```
.border{ border-color:rgb(116, 119, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 119, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 119, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 119, 110);  
box-shadow:4px 4px 4px 4px rgb(116, 119,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6138, 18.0324, 17.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 119, 110) }
```

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

```
.background{ background-color: rgb(116,  
119, 110) }
```

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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