

Converting Colors

XYZ(16.2669, 16.8496, 18.0984)

Have a look what the booklet for
XYZ(16.2669, 16.8496, 18.0984)
contains.

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Color

**XYZ(16.2219, 16.7844,
18.0075)**

Conversions

Conversions Part 1

Format	Color
Hex	757171
RGB	117, 113, 113
RGB Percent	46%, 44%, 44%
CMY	0.5412, 0.5569, 0.5569
CMYK	0.00, 0.03, 0.03, 0.54
HSL	0°, 2%, 45%
HSV	0°, 3%, 46%
XYZ	16.2219, 16.7844, 18.0075
YIQ	114.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

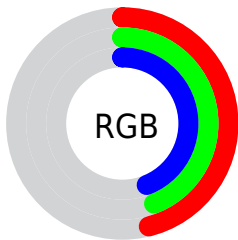
Format	Color
R_YB	117, 113, 113
Decimal	7696753
CIE Lab	47.99, 1.54, 0.54
CIE LCh	48, 1.633, 19.371
Yxy	16.7844, 0.3180, 0.3290
Android (android.graphics.Color)	4285886833 (0xFF757171)
YUV	114.1960, -0.5896, 2.4591
Hunter-Lab	40.9688, -1.0169, 2.6177

Details

The XYZ color **16.2219, 16.7844, 18.0075** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3823, 17.5175, 19.3477**, and the grayscale version is **16.0546, 16.8907, 18.3940**.

A 20% lighter version of the original color is **36.6089, 38.0619, 41.0145**, and **5.2987, 5.4275, 5.7694** is the 20% darker color. If you saturate the color by 10%, you get **14.3837, 14.0949, 14.3518**, and if you desaturate by 10%, it is **18.3142, 19.8457, 22.1673**.

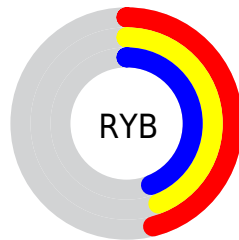
Distribution



Red (46%)

Green (44%)

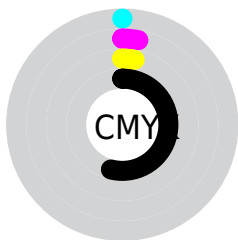
Blue (44%)



Red (46%)

Yellow (44%)

Blue (44%)

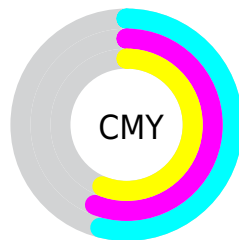


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (54%)



Cyan (54%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2219, 16.7844, 18.0075 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 16.2219, 16.7844, 18.0075 by changing the saturation by 10% instead.

■ 16.2219, 16.7844,
18.0075

■ 16.2219, 16.7844,
18.0075

223.8923,
233.9269, 253.1508

■ 9.7732, 10.0809,
10.7859

■ 36.5373, 37.9547,
40.8642

■ 5.3099, 5.4526,
5.8107

■ 51.1348, 53.1903,
57.3364

■ 2.4668, 2.5152,
2.6634

■ 69.1791, 72.0387,
77.7292

■ 0.8786, 0.8842,
0.9249

■ 91.0357, 94.8843,
102.4611

■ 0.0000, 0.0000,
0.0000

117.0700,
122.1116, 131.9506

147.6473,

154.1048, 166.6164

183.1330,
191.2484, 206.8770

■ 16.2219, 16.7844,
18.0075

■ 16.2219, 16.7844,
18.0075

■ 14.3837, 14.0949,
14.3518

■ 18.3142, 19.8457,
22.1673

■ 12.7885, 11.7608,
11.1800

■ 20.6681, 23.2897,
26.8483

■ 11.4265, 9.7680,
8.4722

■ 23.2929, 27.1300,
32.0679

■ 10.2870, 8.1005,
6.2067

■ 26.1967, 31.3785,
37.8425

■ 9.3580, 6.7411,
4.3599

■ 29.3875, 36.0467,
44.1879

■ 8.6266, 5.6709,
2.9062

■ 32.8727, 41.1458,
51.1191

■ 8.0786, 4.8689,
1.8172

■ 36.6598, 46.6864,
58.6506

■ 7.6978, 4.3114,
1.0606

■ 40.7557, 52.6788,
66.7964

■ 7.4626, 3.9672,
0.5935

■ 45.1673, 59.1330,
75.5701

Harmonies

Analogous

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



16.2332, 16.7844, 18.4255



16.2219, 16.7844, 18.0075



16.1383, 16.7844, 17.6663

Triad

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



16.2219, 16.7844, 18.0075



15.7390, 16.7844, 17.7520



15.9009, 16.7844, 19.0847

Complementary

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



16.2219, 16.7844, 18.0075



16.3823, 17.5175, 19.3477

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.



15.7693, 16.7844, 18.8982



16.2219, 16.7844, 18.0075



15.6762, 16.7844, 18.1261

Square

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



16.2219, 16.7844, 18.0075



15.8593, 16.7844, 17.5204



15.6872, 16.7844, 18.5459



16.0472, 16.7844, 19.0517

Rectangle

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



16.2219, 16.7844, 18.0075



16.0531, 16.7844, 17.5263



15.6872, 16.7844, 18.5459



15.8534, 16.7844, 19.0455

Sweetspot

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



16.2224, 16.7851, 18.0079



29.9036, 31.3070, 33.9455



16.4524, 16.8768, 19.2203



6.8819, 7.2077, 7.8178



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.2224, 16.7851, 18.0079



28.8095, 29.7062, 31.7699



16.4478, 17.2359, 18.0830



3.8905, 4.0031, 4.2729



8.0835, 4.1682, 0.3785



39.3899, 20.3082, 1.8438

Inverse Universe

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



16.3823, 17.5175, 19.3477



29.1516, 31.2733, 34.6369



16.1519, 17.0568, 19.2709



3.9415, 4.2367, 4.7003



10.5390, 15.4176, 20.9630



51.3556, 75.1278, 102.1547

Previews

White Background



This preview shows how the XYZ color 16.2219, 16.7844, 18.0075 looks on a white background.

Color Contrast Check

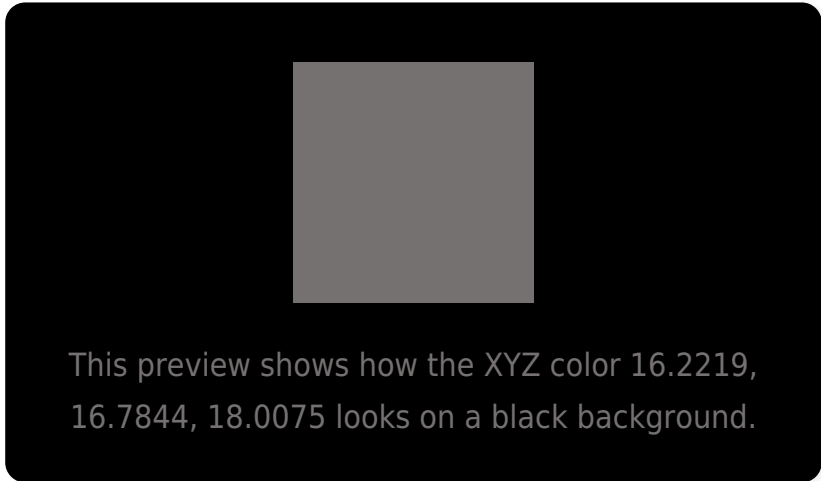
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

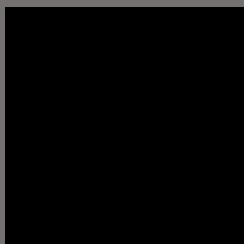
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

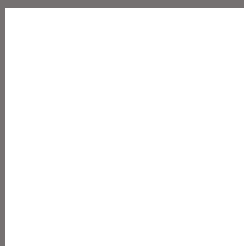
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2219, 16.7844, 18.0075

Background



This preview shows how black text looks on a background with the XYZ color 16.2219, 16.7844, 18.0075.



This preview shows how white text looks on a background with the XYZ color 16.2219, 16.7844,

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

16.2219, 16.7844, 18.0075

Protanopia

16.0882, 16.7155, 18.0013

Deuteranopia

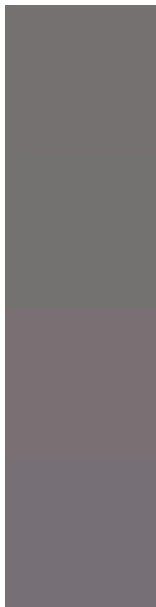
17.0706, 16.7267, 18.2485



Tritanopia

16.7166, 16.8204, 20.4548

Trichromacy



Original Color

16.2219, 16.7844, 18.0075

Protanomaly

16.0882, 16.7155, 18.0013

Deuteranomaly

16.7477, 16.7214, 18.2644

Tritanomaly

16.5354, 16.7479, 19.5007

Monochromacy



Original Color

16.2219, 16.7844, 18.0075

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.1248, 16.8944, 18.3307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2219, 16.7844, 18.0075 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(117, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(117, 113, 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(117, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 113, 113) }
```

Border

The CSS property to change the border of an element to XYZ 16.2219, 16.7844, 18.0075 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(117, 113, 113) }
```


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

```
.border{ border-color:rgb(117, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(117, 113,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2219, 16.7844, 18.0075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 113, 113) }
```

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

```
.background{ background-color: rgb(117,  
113, 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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