

Converting Colors

XYZ(16.8603, 17.6699, 18.3467)

Have a look what the booklet for
XYZ(16.8603, 17.6699, 18.3467)
contains.

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Color

**XYZ(16.8904, 17.6276,
18.4318)**

Conversions

Conversions Part 1

Format	Color
Hex	777472
RGB	119, 116, 114
RGB Percent	47%, 45%, 45%
CMY	0.5333, 0.5451, 0.5529
CMYK	0.00, 0.03, 0.04, 0.53
HSL	24°, 2%, 46%
HSV	24°, 4%, 47%
XYZ	16.8904, 17.6276, 18.4318
YIQ	116.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

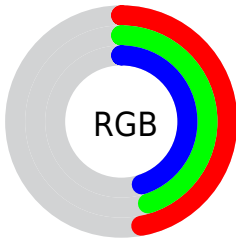
Format	Color
R_{YB}	119, 117, 114
Decimal	7828594
CIE _{Lab}	49.04, 0.76, 1.50
CIE _{LCh}	49, 1.683, 63.307
Yxy	17.6276, 0.3190, 0.3329
Android (android.graphics.Color)	4286018674 (0xFF777472)
YUV	116.6690, -1.3158, 2.0443
Hunter-Lab	41.9852, -1.6647, 3.3610

Details

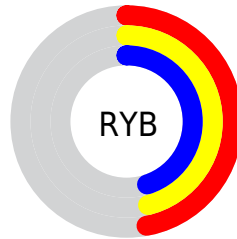
The XYZ color **16.8904, 17.6276, 18.4318** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6305, 17.6317, 19.9798**, and the grayscale version is **16.8100, 17.6854, 19.2594**.

A 20% lighter version of the original color is **37.6802, 39.4164, 41.6986**, and **5.6490, 5.8672, 5.9890** is the 20% darker color. If you saturate the color by 10%, you get **15.4657, 15.7924, 14.8297**, and if you desaturate by 10%, it is **18.4675, 19.6260, 22.5200**.

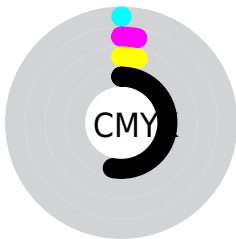
Distribution



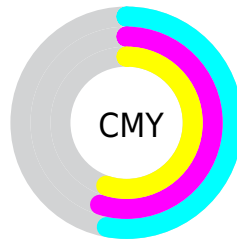
- Red (47%)
- Green (45%)
- Blue (45%)



- Red (47%)
- Yellow (46%)
- Blue (45%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8904, 17.6276, 18.4318 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 16.8904, 17.6276, 18.4318 by changing the saturation by 10% instead.

■ 16.8904, 17.6276,
18.4318

■ 16.8904, 17.6276,
18.4318

227.7086,
238.7636, 255.6111

■ 10.2512, 10.6830,
11.0878

■ 37.6823, 39.4017,
41.5956

■ 5.6294, 5.8541,
6.0110

■ 52.5658, 55.0000,
58.2524

■ 2.6596, 2.7565,
2.7829

■ 70.9280, 74.2516,
78.8506

■ 0.9764, 1.0060,
0.9849

■ 93.1344, 97.5410,
103.8088

■ 0.0000, 0.0000,
0.0000

119.5503,
125.2524, 133.5453

150.5411,

157.7704, 168.4789

186.4720,
195.4793, 209.0279

■ 16.8904, 17.6276,
18.4318

■ 16.8904, 17.6276,
18.4318

■ 15.4657, 15.7924,
14.8297

■ 18.4675, 19.6260,
22.5200

■ 14.1870, 14.1139,
11.6942

■ 20.1999, 21.7892,
27.1104

■ 13.0499, 12.5885,
9.0064

■ 22.0926, 24.1220,
32.2197

■ 12.0488, 11.2116,
6.7454

■ 24.1498, 26.6280,
37.8637

■ 11.1782, 9.9784,
4.8888

■ 26.3754, 29.3108,
44.0573

■ 10.4318, 8.8839,
3.4122

■ 28.7734, 32.1740,
50.8150

■ 9.8028, 7.9224,
2.2882

■ 31.3474, 35.2209,
58.1507

■ 9.2837, 7.0882,
1.4860

■ 34.1011, 38.4548,
66.0776

■ 8.8642, 6.3741,
0.9613

■ 37.0381, 41.8789,
74.6089

Harmonies

Analogous

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



17.0079, 17.6276, 18.7229



16.8904, 17.6276, 18.4318



16.7371, 17.6276, 18.3437

Triad

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



16.8904, 17.6276, 18.4318



16.4551, 17.6276, 19.2433



16.9207, 17.6276, 19.9247

Complementary

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



16.8904, 17.6276, 18.4318



16.6305, 17.6317, 19.9798

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.



16.7719, 17.6276, 20.0691



16.8904, 17.6276, 18.4318



16.5036, 17.6276, 19.6718

Square

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



16.8904, 17.6276, 18.4318



16.4864, 17.6276, 18.8079



16.6193, 17.6276, 19.9758



17.0255, 17.6276, 19.5842

Rectangle

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



16.8904, 17.6276, 18.4318



16.6354, 17.6276, 18.4108



16.6193, 17.6276, 19.9758



16.8742, 17.6276, 19.9980

Sweetspot

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



16.8909, 17.6284, 18.4322



31.1134, 32.6715, 35.2358



16.8362, 17.2412, 19.2704



7.3786, 7.7492, 8.3635



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.



16.8909, 17.6284, 18.4322



29.9991, 31.2508, 32.3735



17.1827, 18.2121, 18.5295



3.9162, 4.0772, 4.2115



9.1816, 6.3643, 0.7445



43.9517, 29.4320, 3.3644

Inverse Universe

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



16.6305, 17.6317, 19.9798



29.4334, 31.2580, 35.7352



16.3433, 17.0573, 19.8840



3.8382, 4.0782, 4.6751



5.9459, 6.2315, 19.4320



28.1200, 28.6565, 94.4095

Previews

White Background



This preview shows how the XYZ color 16.8904, 17.6276, 18.4318 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 16.8904, 17.6276, 18.4318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

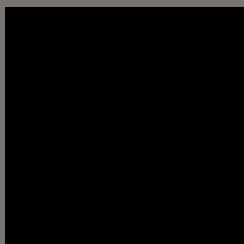
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

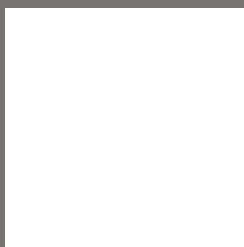
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.8904, 17.6276, 18.4318

Background



This preview shows how black text looks on a background with the XYZ color 16.8904, 17.6276, 18.4318.



This preview shows how white text looks on a background with the XYZ color 16.8904, 17.6276,

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

16.8904, 17.6276, 18.4318

Protanopia

16.8904, 17.6276, 18.4318

Deuteranopia

17.9017, 17.6373, 18.6805



Tritanopia

17.5146, 17.7098, 21.5640

Trichromacy



Original Color

16.8904, 17.6276, 18.4318

Protanomaly

16.8904, 17.6276, 18.4318

Deuteranomaly

17.5693, 17.6324, 18.6970

Tritanomaly

17.2666, 17.6106, 20.2584

Monochromacy



Original Color

16.8904, 17.6276, 18.4318

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.9849, 17.8351, 19.0703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8904, 17.6276, 18.4318 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(119, 116, 114)` looks like.

```
.text, #text, p{  
    color:rgb(119, 116, 114)  
}
```

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(119, 116, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 116, 114) }
```

Border

The CSS property to change the border of an element to XYZ 16.8904, 17.6276, 18.4318 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(119, 116, 114) }
```


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

```
.border{ border-color:rgb(119, 116, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 116, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 116, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 116, 114);  
box-shadow:4px 4px 4px 4px rgb(119, 116,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8904, 17.6276, 18.4318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 116, 114) }
```

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

```
.background{ background-color: rgb(119,  
116, 114) }
```

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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