

Converting Colors

XYZ(16.2240, 18.0155, 18.7780)

Have a look what the booklet for
XYZ(16.2240, 18.0155, 18.7780)
contains.

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Color

**XYZ(16.2414, 17.9857,
18.8352)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7873
RGB	110, 120, 115
RGB Percent	43%, 47%, 45%
CMY	0.5686, 0.5294, 0.5490
CMYK	0.08, 0.00, 0.04, 0.53
HSL	150°, 4%, 45%
HSV	150°, 8%, 47%
XYZ	16.2414, 17.9857, 18.8352
YIQ	116.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

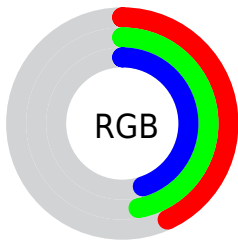
Format	Color
R_{YB}	110, 117, 120
Decimal	7239795
CIE Lab	49.48, -4.78, 1.46
CIE LCh	49, 4.994, 163.046
Yxy	17.9857, 0.3061, 0.3390
Android (android.graphics.Color)	4285429875 (0xFF6E7873)
YUV	116.4400, -0.7099, -5.6479
Hunter-Lab	42.4096, -5.8574, 3.3544

Details

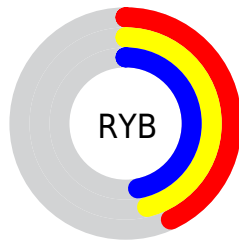
The XYZ color **16.2414, 17.9857, 18.8352** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4168, 16.3833, 18.5176**, and the grayscale version is **16.7391, 17.6108, 19.1782**.

A 20% lighter version of the original color is **36.6279, 39.9765, 42.3449**, and **5.3171, 6.0641, 6.2004** is the 20% darker color. If you saturate the color by 10%, you get **14.5142, 17.1344, 17.0101**, and if you desaturate by 10%, it is **18.1944, 18.9518, 20.7890**.

Distribution



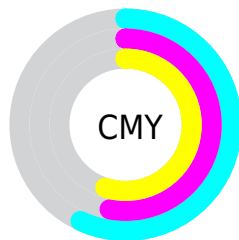
- Red (43%)
- Green (47%)
- Blue (45%)



- Red (43%)
- Yellow (46%)
- Blue (47%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2414, 17.9857, 18.8352 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 16.2414, 17.9857, 18.8352 by changing the saturation by 10% instead.

■ 16.2414, 17.9857,
18.8352

■ 16.2414, 17.9857,
18.8352

224.0045,
240.7904, 257.9298

■ 9.7871, 10.9397,
11.3757

■ 36.5709, 40.0130,
42.2884

■ 5.3192, 6.0263,
6.2028

■ 51.1767, 55.7630,
59.1192

■ 2.4724, 2.8611,
2.8980

■ 69.2304, 75.1832,
79.9108

■ 0.8814, 1.0596,
1.0428

■ 91.0973, 98.6580,
105.0817

■ 0.0000, 0.0000,
0.0000

117.1428,
126.5717, 135.0505

147.7323,

159.3088, 170.2358

183.2311,
197.2535, 211.0560

■ 16.2414, 17.9857,
18.8352

■ 16.2414, 17.9857,
18.8352

■ 14.5142, 17.1344,
17.0101

■ 18.1944, 18.9518,
20.7890

■ 13.0027, 16.3913,
15.3099

■ 20.3796, 20.0344,
22.8729

■ 11.6984, 15.7524,
13.7323

■ 22.8052, 21.2383,
25.0896

■ 10.5915, 15.2129,
12.2745

■ 25.4785, 22.5672,
27.4417

■ 9.6716, 14.7674,
10.9336

■ 28.4064, 24.0245,
29.9314

■ 8.9271, 14.4100,
9.7065

■ 31.5955, 25.6137,
32.5609

■ 8.3451, 14.1341,
8.5900

■ 35.0525, 27.3380,
35.3325

■ 7.9107, 13.9320,
7.5807

■ 38.7833, 29.2006,
38.2484

■ 7.5838, 13.7832,
6.6739

■ 42.7940, 31.2046,
41.3106

Harmonies

Analogous

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



16.4829, 17.9857, 17.7447



16.2414, 17.9857, 18.8352



16.2259, 17.9857, 20.1759

Triad

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



16.2414, 17.9857, 18.8352



17.3005, 17.9857, 22.2261



17.7667, 17.9857, 17.8623

Complementary

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



16.2414, 17.9857, 18.8352



16.4168, 16.3833, 18.5176

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.



17.9943, 17.9857, 19.0025



16.2414, 17.9857, 18.8352



17.7218, 17.9857, 21.5449

Square

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



16.2414, 17.9857, 18.8352



16.8316, 17.9857, 22.1762



17.9777, 17.9857, 20.3511



17.3609, 17.9857, 17.2010

Rectangle

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



16.2414, 17.9857, 18.8352



16.3454, 17.9857, 21.0351



17.9777, 17.9857, 20.3511



17.8669, 17.9857, 18.2000

Sweetspot

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



16.2419, 17.9865, 18.8356



30.3216, 32.5014, 34.9060



16.6237, 18.2157, 17.3920



7.1274, 7.6736, 8.2137



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.



16.2419, 17.9865, 18.8356



27.9546, 31.3321, 32.4963



16.5276, 18.1007, 20.3398



4.0266, 4.4803, 4.6741



8.2095, 15.0075, 7.0881



38.7305, 71.4152, 31.5485

Inverse Universe

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



16.4168, 16.3833, 18.5176



28.3282, 27.9088, 31.8173



16.1458, 16.2748, 17.0902



4.0741, 4.0454, 4.5879



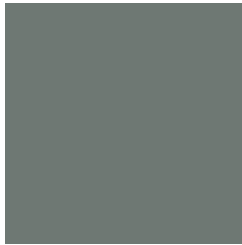
9.3331, 4.7094, 5.0452



44.0903, 22.2925, 21.8035

Previews

White Background



This preview shows how the XYZ color 16.2414, 17.9857, 18.8352 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 16.2414, 17.9857, 18.8352 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

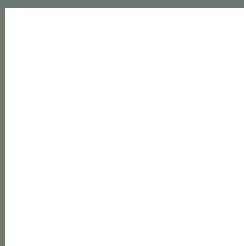
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2414, 17.9857, 18.8352

Background



This preview shows how black text looks on a background with the XYZ color 16.2414, 17.9857, 18.8352.

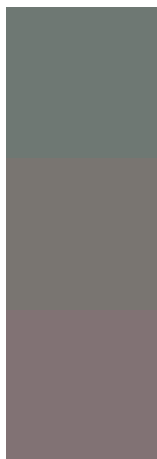


This preview shows how white text looks on a background with the XYZ color 16.2414, 17.9857,

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

16.2414, 17.9857, 18.8352

Protanopia

17.2271, 17.9798, 18.1853

Deuteranopia

18.2230, 17.9627, 19.0297



Tritanopia

16.9913, 17.9339, 22.6447

Trichromacy



Original Color

16.2414, 17.9857, 18.8352

Protanomaly

16.8518, 17.9537, 18.4968

Deuteranomaly

17.4238, 17.8893, 19.0576

Tritanomaly

16.7275, 18.0032, 21.3322

Monochromacy



Original Color

16.2414, 17.9857, 18.8352

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4531, 17.5609, 19.0454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2414, 17.9857, 18.8352 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(110, 120, 115)` looks like.

```
.text, #text, p{  
    color:rgb(110, 120, 115)  
}
```

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(110, 120, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 120, 115) }
```

Border

The CSS property to change the border of an element to XYZ 16.2414, 17.9857, 18.8352 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(110, 120, 115) }
```


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

```
.border{ border-color:rgb(110, 120, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 120, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 120, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 120, 115);  
box-shadow:4px 4px 4px 4px rgb(110, 120,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2414, 17.9857, 18.8352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 120, 115) }
```

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

```
.background{ background-color: rgb(110,  
120, 115) }
```

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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