

Converting Colors

XYZ(16.2870, 18.0417, 18.3840)

Have a look what the booklet for
XYZ(16.2870, 18.0417, 18.3840)
contains.

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Color

**XYZ(16.2527, 18.0047,
18.2414)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7871
RGB	111, 120, 113
RGB Percent	44%, 47%, 44%
CMY	0.5647, 0.5294, 0.5569
CMYK	0.08, 0.00, 0.06, 0.53
HSL	133°, 4%, 45%
HSV	133°, 8%, 47%
XYZ	16.2527, 18.0047, 18.2414
YIQ	116.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

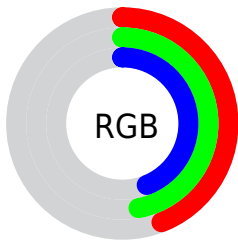
Format	Color
R_{YB}	111, 118, 120
Decimal	7305329
CIE Lab	49.50, -4.81, 2.68
CIE LCh	50, 5.508, 150.889
Yxy	18.0047, 0.3096, 0.3430
Android (android.graphics.Color)	4285495409 (0xFF6F7871)
YUV	116.5110, -1.7309, -4.8331
Hunter-Lab	42.4319, -5.8851, 4.2137

Details

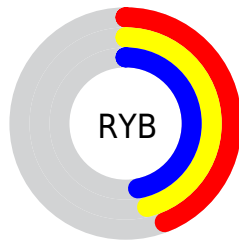
The XYZ color **16.2527, 18.0047, 18.2414** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7009, 16.6705, 19.4781**, and the grayscale version is **16.7637, 17.6368, 19.2064**.

A 20% lighter version of the original color is **36.6483, 40.0082, 41.3881**, and **5.3214, 6.0731, 5.8928** is the 20% darker color. If you saturate the color by 10%, you get **14.3443, 17.0790, 15.5485**, and if you desaturate by 10%, it is **18.4191, 19.0581, 21.2293**.

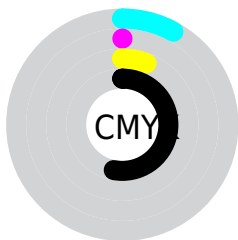
Distribution



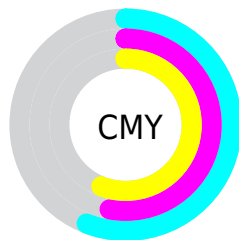
- Red (44%)
- Green (47%)
- Blue (44%)



- Red (44%)
- Yellow (46%)
- Blue (47%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2527, 18.0047, 18.2414 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 16.2527, 18.0047, 18.2414 by changing the saturation by 10% instead.

■ 16.2527, 18.0047,
18.2414

■ 16.2527, 18.0047,
18.2414

224.0695,
240.8975, 254.5098

■ 9.7951, 10.9534,
10.9522

■ 36.5903, 40.0453,
41.2677

■ 5.3246, 6.0355,
5.9209

■ 51.2010, 55.8034,
57.8419

■ 2.4756, 2.8667,
2.7291

■ 69.2601, 75.2325,
78.3482

■ 0.8830, 1.0625,
0.9580

■ 91.1330, 98.7171,
103.2051

■ 0.0000, 0.0000,
0.0000

117.1850,
126.6415, 132.8312

147.7815,

159.3901, 167.6450

183.2879,
197.3473, 208.0650

■ 16.2527, 18.0047,
18.2414

■ 16.2527, 18.0047,
18.2414

■ 14.3443, 17.0790,
15.5485

■ 18.4191, 19.0581,
21.2293

■ 12.6826, 16.2740,
13.1406

■ 20.8511, 20.2416,
24.5197

■ 11.2581, 15.5853,
11.0085

■ 23.5579, 21.5601,
28.1211

■ 10.0595, 15.0075,
9.1426

■ 26.5478, 23.0177,
32.0414

■ 9.0751, 14.5346,
7.5321

■ 29.8287, 24.6185,
36.2883

■ 8.2918, 14.1603,
6.1661

■ 33.4082, 26.3662,
40.8690

■ 7.6952, 13.8772,
5.0324

■ 37.2938, 28.2643,
45.7907

■ 7.2689, 13.6772,
4.1180

■ 41.4924, 30.3165,
51.0602

■ 6.9760, 13.5416,
3.4078

■ 46.0109, 32.5261,
56.6844

Harmonies

Analogous

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



16.6039, 18.0047, 17.2441



16.2527, 18.0047, 18.2414



16.1309, 18.0047, 19.6486

Triad

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



16.2527, 18.0047, 18.2414



17.1285, 18.0047, 22.6143



17.9869, 18.0047, 18.1680

Complementary

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



16.2527, 18.0047, 18.2414



16.7009, 16.6705, 19.4781

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.



18.1340, 18.0047, 19.5596



16.2527, 18.0047, 18.2414



17.6323, 18.0047, 22.1701

Square

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



16.2527, 18.0047, 18.2414



16.6303, 18.0047, 22.2185



18.0030, 18.0047, 21.0329



17.6048, 18.0047, 17.2032

Rectangle

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



16.2527, 18.0047, 18.2414



16.1941, 18.0047, 20.6447



18.0030, 18.0047, 21.0329



18.0658, 18.0047, 18.5990

Sweetspot

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



16.2532, 18.0055, 18.2418



30.6048, 32.6482, 34.8820



17.0645, 18.4365, 17.6985



7.2668, 7.7440, 8.2857



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.



16.2532, 18.0055, 18.2418



27.9761, 31.3711, 31.2316



16.5101, 18.1082, 19.5945



3.9840, 4.4632, 4.4495



7.5340, 14.7372, 3.5308



35.6675, 70.1900, 15.4192

Inverse Universe

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



16.7009, 16.6705, 19.4781



28.9333, 28.5171, 33.8746



16.4425, 16.5672, 18.1173



4.1182, 4.0630, 4.8201



10.6169, 5.2229, 11.8057



50.3146, 24.7822, 54.5799

Previews

White Background



This preview shows how the XYZ color 16.2527, 18.0047, 18.2414 looks on a white background.

Color Contrast Check

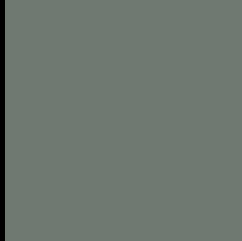
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2527, 18.0047, 18.2414 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

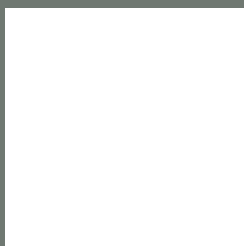
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2527, 18.0047, 18.2414

Background



This preview shows how black text looks on a background with the XYZ color 16.2527, 18.0047, 18.2414.

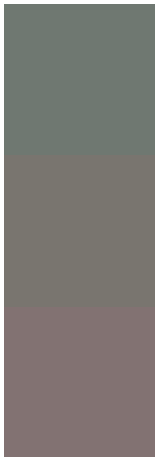


This preview shows how white text looks on a background with the XYZ color 16.2527, 18.0047,

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

16.2527, 18.0047, 18.2414

Protanopia

17.1157, 17.9352, 17.5987

Deuteranopia

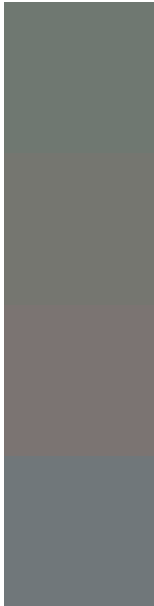
18.2605, 17.9954, 18.4306



Tritanopia

17.1193, 17.9999, 22.6507

Trichromacy



Original Color

16.2527, 18.0047, 18.2414

Protanomaly

16.7392, 17.9086, 17.9037

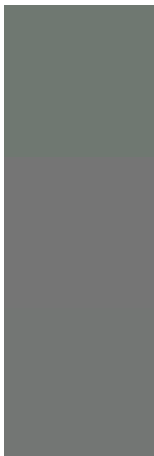
Deuteranomaly

17.4510, 17.9166, 18.4581

Tritanomaly

16.7918, 18.0435, 21.0101

Monochromacy



Original Color

16.2527, 18.0047, 18.2414

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.7011, 17.8627, 19.0906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2527, 18.0047, 18.2414 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(111, 120, 113)` looks like.

```
.text, #text, p{  
    color:rgb(111, 120, 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(111, 120, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 120, 113) }
```

Border

The CSS property to change the border of an element to XYZ 16.2527, 18.0047, 18.2414 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(111, 120, 113) }
```


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

```
.border{ border-color:rgb(111, 120, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 120, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 120, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 120, 113);  
box-shadow:4px 4px 4px 4px rgb(111, 120,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2527, 18.0047, 18.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 120, 113) }
```

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

```
.background{ background-color: rgb(111,  
120, 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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