

Converting Colors

XYZ(16.2529, 17.0850, 15.1821)

Have a look what the booklet for
XYZ(16.2529, 17.0850, 15.1821)
contains.

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Color

**XYZ(16.2112, 17.0070,
15.2602)**

Conversions

Conversions Part 1

Format	Color
Hex	787267
RGB	120, 114, 103
RGB Percent	47%, 45%, 40%
CMY	0.5294, 0.5529, 0.5961
CMYK	0.00, 0.05, 0.14, 0.53
HSL	39°, 8%, 44%
HSV	39°, 14%, 47%
XYZ	16.2112, 17.0070, 15.2602
YIQ	114.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

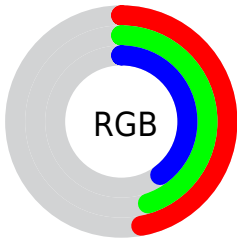
Format	Color
R_{YB}	112, 120, 103
Decimal	7893607
CIE Lab	48.27, 0.27, 6.92
CIE LCh	48, 6.926, 87.801
Yxy	17.0070, 0.3344, 0.3508
Android (android.graphics.Color)	4286083687 (0xFF787267)
YUV	114.5400, -5.6892, 4.7884
Hunter-Lab	41.2395, -2.0011, 6.9281

Details

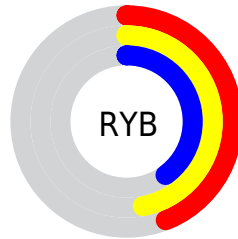
The XYZ color **16.2112, 17.0070, 15.2602** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4522, 15.1765, 19.9370**, and the grayscale version is **16.1721, 17.0143, 18.5286**.

A 20% lighter version of the original color is **36.4822, 38.3762, 36.0564**, and **5.2606, 5.5215, 4.5299** is the 20% darker color. If you saturate the color by 10%, you get **15.1853, 15.8507, 12.1569**, and if you desaturate by 10%, it is **17.3466, 18.2436, 18.8270**.

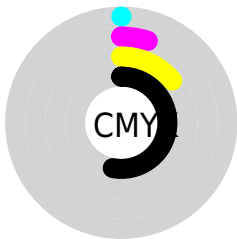
Distribution



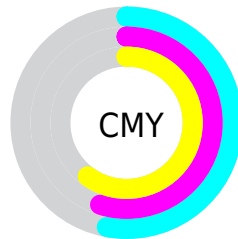
- Red (47%)
- Green (45%)
- Blue (40%)



- Red (44%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (53%)



- Cyan (53%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2112, 17.0070, 15.2602 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 16.2112, 17.0070, 15.2602 by changing the saturation by 10% instead.

■ 16.2112, 17.0070,
15.2602

■ 16.2112, 17.0070,
15.2602

223.8307,
235.2127, 236.6306

■ 9.7655, 10.2395,
8.8536

■ 36.5190, 38.3378,
36.0577

■ 5.3048, 5.5580,
4.5503

■ 51.1118, 53.6699,
51.2857

■ 2.4638, 2.5782,
1.9318

■ 69.1510, 72.6256,
70.2912

■ 0.8770, 0.9157,
0.5129

■ 91.0020, 95.5894,
93.4928

■ 0.0000, 0.0000,
0.0000

117.0301,
122.9456, 121.3090

147.6007,

155.0786, 154.1583

183.0791,
192.3729, 192.4593

■ 16.2112, 17.0070,
15.2602

■ 16.2112, 17.0070,
15.2602

■ 15.1853, 15.8507,
12.1569

■ 17.3466, 18.2436,
18.8270

■ 14.2635, 14.7705,
9.4965

■ 18.5939, 19.5601,
22.8744

■ 13.4421, 13.7648,
7.2587

■ 19.9571, 20.9593,
27.4201

■ 12.7166, 12.8314,
5.4210

■ 21.4395, 22.4429,
32.4805

■ 12.0819, 11.9677,
3.9588

■ 23.0443, 24.0127,
38.0711

■ 11.5326, 11.1711,
2.8448

■ 24.7747, 25.6703,
44.2070

■ 11.0625, 10.4385,
2.0479

■ 26.6337, 27.4173,
50.9026

■ 10.6629, 9.7659,
1.5241

■ 28.6240, 29.2554,
58.1716

■ 10.4466, 9.3948,
1.2628

■ 30.7486, 31.1859,
66.0275

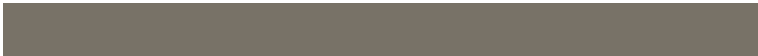
Harmonies

Analogous

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



16.8193, 17.0070, 15.7321



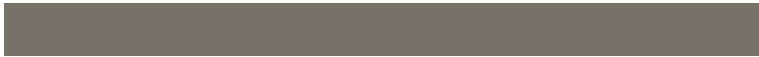
16.2112, 17.0070, 15.2602



15.6057, 17.0070, 15.6129

Triad

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



16.2112, 17.0070, 15.2602



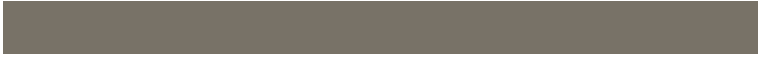
15.1157, 17.0070, 20.1849



17.2125, 17.0070, 20.4303

Complementary

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



16.2112, 17.0070, 15.2602



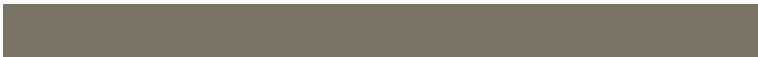
14.4522, 15.1765, 19.9370

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.



16.7367, 17.0070, 21.7622



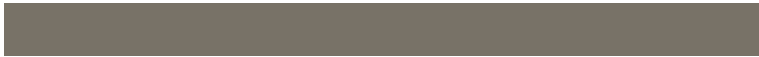
16.2112, 17.0070, 15.2602



15.5272, 17.0070, 21.6142

Square

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



16.2112, 17.0070, 15.2602



14.9831, 17.0070, 18.3848



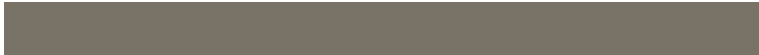
16.1182, 17.0070, 22.2087



17.4067, 17.0070, 18.6513

Rectangle

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



16.2112, 17.0070, 15.2602



15.2830, 17.0070, 16.2819



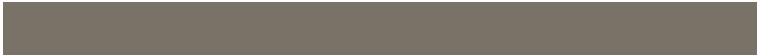
16.1182, 17.0070, 22.2087



17.0796, 17.0070, 20.9494

Sweetspot

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



16.2117, 17.0078, 15.2606



30.5239, 32.1024, 33.1589



15.3690, 14.8029, 16.5813



7.2019, 7.5737, 7.7564



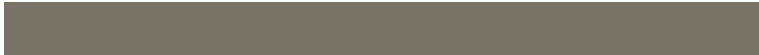
59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.2117, 17.0078, 15.2606



27.9060, 29.2371, 24.9785



16.5998, 18.2452, 15.4790



4.1944, 4.4072, 4.2541



11.3831, 10.2220, 1.3731



53.4753, 47.1142, 6.2755

Inverse Universe

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



14.4522, 15.1765, 19.9370



24.1832, 25.3626, 34.8739



14.0977, 14.0762, 19.7433



3.9026, 4.1035, 5.0295



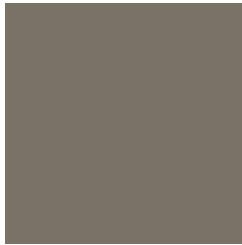
4.6021, 3.2866, 19.7771



21.2191, 14.2109, 94.0944

Previews

White Background



This preview shows how the XYZ color 16.2112, 17.0070, 15.2602 looks on a white background.

Color Contrast Check

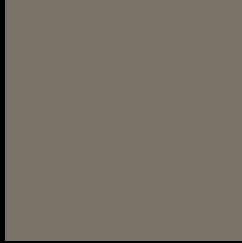
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2112, 17.0070, 15.2602 looks on a 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

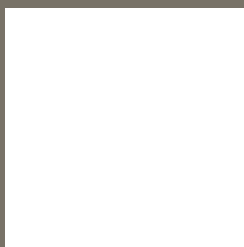
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2112, 17.0070, 15.2602

Background



This preview shows how black text looks on a background with the XYZ color 16.2112, 17.0070, 15.2602.



This preview shows how white text looks on a background with the XYZ color 16.2112, 17.0070,

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

16.2112, 17.0070, 15.2602

Protanopia

16.0732, 16.9358, 15.2538

Deuteranopia

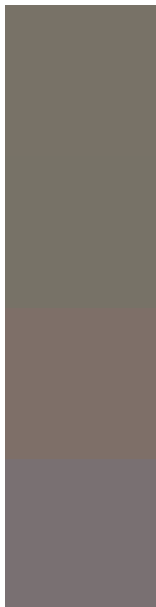
17.2805, 16.8972, 15.4474



Tritanopia

17.1006, 16.8625, 20.1228

Trichromacy



Original Color

16.2112, 17.0070, 15.2602

Protanomaly

16.0732, 16.9358, 15.2538

Deuteranomaly

16.7873, 16.8040, 15.4554

Tritanomaly

16.7166, 16.8682, 18.2944

Monochromacy



Original Color

16.2112, 17.0070, 15.2602

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3361, 17.1911, 17.4961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2112, 17.0070, 15.2602 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(120, 114, 103)` looks like.

```
.text, #text, p{  
    color:rgb(120, 114, 103)  
}
```

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(120, 114, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 114, 103) }
```

Border

The CSS property to change the border of an element to XYZ 16.2112, 17.0070, 15.2602 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(120, 114, 103) }
```


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

```
.border{ border-color:rgb(120, 114, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 114, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 114, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 114, 103);  
box-shadow:4px 4px 4px 4px rgb(120, 114,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2112, 17.0070, 15.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 114, 103) }
```

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

```
.background{ background-color: rgb(120,  
114, 103) }
```

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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