

Converting Colors

XYZ(16.0358, 17.9272, 15.4658)

Have a look what the booklet for
XYZ(16.0358, 17.9272, 15.4658)
contains.

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Color

**XYZ(16.1041, 17.9896,
15.4555)**

Conversions

Conversions Part 1

Format	Color
Hex	727867
RGB	114, 120, 103
RGB Percent	45%, 47%, 40%
CMY	0.5529, 0.5294, 0.5961
CMYK	0.05, 0.00, 0.14, 0.53
HSL	81°, 8%, 44%
HSV	81°, 14%, 47%
XYZ	16.1041, 17.9896, 15.4555
YIQ	116.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

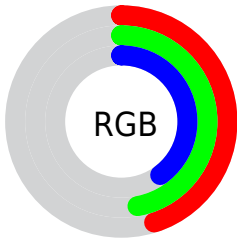
Format	Color
R_{YB}	103, 120, 109
Decimal	7501927
CIE _{Lab}	49.48, -5.58, 8.57
CIE _{LCh}	49, 10.231, 123.065
Yxy	17.9896, 0.3250, 0.3631
Android (android.graphics.Color)	4285692007 (0xFF727867)
YUV	116.2680, -6.5411, -1.9890
Hunter-Lab	42.4141, -6.4506, 8.0849

Details

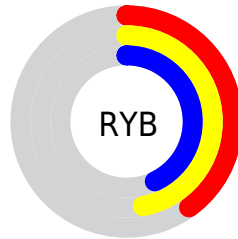
The XYZ color **16.1041, 17.9896, 15.4555** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5477, 14.3082, 19.7652**, and the grayscale version is **16.7022, 17.5720, 19.1359**.

A 20% lighter version of the original color is **36.3111, 39.9451, 36.3682**, and **5.2779, 6.0785, 4.6365** is the 20% darker color. If you saturate the color by 10%, you get **15.0063, 17.4889, 12.4824**, and if you desaturate by 10%, it is **17.3149, 18.5396, 18.8859**.

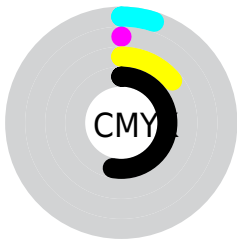
Distribution



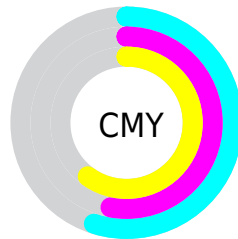
- Red (45%)
- Green (47%)
- Blue (40%)



- Red (40%)
- Yellow (47%)
- Blue (43%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1041, 17.9896, 15.4555 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 16.1041, 17.9896, 15.4555 by changing the saturation by 10% instead.

■ 16.1041, 17.9896,
15.4555

■ 16.1041, 17.9896,
15.4555

223.2135,
240.8124, 237.8419

■ 9.6892, 10.9425,
8.9895

■ 36.3348, 40.0196,
36.4038

■ 5.2540, 6.0282,
4.6376

■ 50.8813, 55.7713,
51.7233

■ 2.4334, 2.8622,
1.9813

■ 68.8690, 75.1934,
70.8310

■ 0.8618, 1.0602,
0.5437

■ 90.6633, 98.6701,
94.1454

■ 0.0000, 0.0000,
0.0000

116.6296,
126.5860, 122.0852

147.1331,

159.3255, 155.0689

182.5393,
197.2728, 193.5149

■ 16.1041, 17.9896,
15.4555

■ 16.1041, 17.9896,
15.4555

■ 15.0063, 17.4889,
12.4824

■ 17.3149, 18.5396,
18.8859

■ 14.0161, 17.0335,
9.9463

■ 18.6409, 19.1382,
22.7907

■ 13.1295, 16.6225,
7.8267

■ 20.0864, 19.7875,
27.1875

■ 12.3421, 16.2539,
6.1012

■ 21.6546, 20.4890,
32.0925

■ 11.6488, 15.9258,
4.7455

■ 23.3489, 21.2441,
37.5213

■ 11.0441, 15.6358,
3.7322

■ 25.1724, 22.0539,
43.4889

■ 10.5216, 15.3815,
3.0304

■ 27.1282, 22.9199,
50.0095

■ 10.0728, 15.1593,
2.5961

■ 29.2191, 23.8431,
57.0969

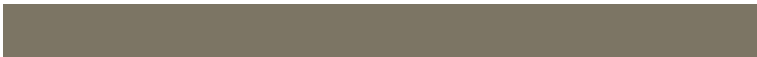
■ 9.8293, 15.0382,
2.3846

■ 31.4479, 24.8247,
64.7644

Harmonies

Analogous

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



16.9993, 17.9896, 14.7371



16.1041, 17.9896, 15.4555



15.4940, 17.9896, 17.2733

Triad

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



16.1041, 17.9896, 15.4555



16.2701, 17.9896, 24.7286



19.0232, 17.9896, 19.3042

Complementary

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



16.1041, 17.9896, 15.4555



14.5477, 14.3082, 19.7652

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.



18.8103, 17.9896, 22.0999



16.1041, 17.9896, 15.4555



17.1982, 17.9896, 25.4004

Square

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



16.1041, 17.9896, 15.4555



15.5873, 17.9896, 22.6388



18.1332, 17.9896, 24.3975



18.7045, 17.9896, 16.8237

Rectangle

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



16.1041, 17.9896, 15.4555



15.3185, 17.9896, 18.9517



18.1332, 17.9896, 24.3975



19.0114, 17.9896, 20.2376

Sweetspot

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



16.1046, 17.9904, 15.4559



30.4678, 32.6134, 33.2604



15.6578, 15.8995, 15.0759



7.1866, 7.7137, 7.7842



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.



16.1046, 17.9904, 15.4559



27.6749, 31.3447, 25.3975



15.0557, 17.4497, 15.4068



4.1769, 4.5665, 4.2858



10.7070, 16.3969, 2.6006



50.1241, 77.7253, 12.3607

Inverse Universe

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



14.5477, 14.3082, 19.7652



24.3814, 23.5547, 34.5145



15.6378, 14.8701, 19.8162



3.9188, 3.9560, 5.0002



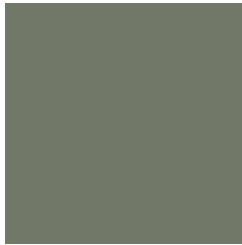
4.7419, 2.0173, 19.5247



21.7733, 9.1866, 93.0954

Previews

White Background



This preview shows how the XYZ color 16.1041, 17.9896, 15.4555 looks on a white background.

Color Contrast Check

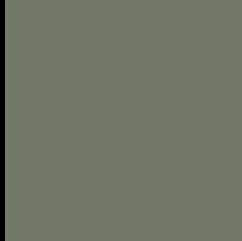
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.1041, 17.9896, 15.4555 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

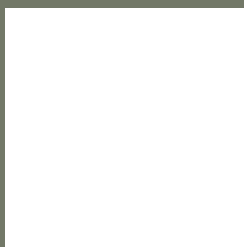
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1041, 17.9896, 15.4555

Background



This preview shows how black text looks on a background with the XYZ color 16.1041, 17.9896, 15.4555.



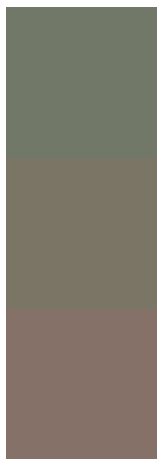
This preview shows how white text looks on a background with the XYZ color 16.1041, 17.9896,

15.4555.

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

16.1041, 17.9896, 15.4555

Protanopia

16.9279, 17.8928, 15.1318

Deuteranopia

18.2353, 17.8781, 15.5864



Tritanopia

17.4633, 18.0108, 22.2947

Trichromacy



Original Color

16.1041, 17.9896, 15.4555

Protanomaly

16.6224, 17.9092, 15.1511

Deuteranomaly

17.4965, 18.0023, 15.6493

Tritanomaly

16.9509, 17.9779, 19.7162

Monochromacy



Original Color

16.1041, 17.9896, 15.4555

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3008, 17.5151, 17.5605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1041, 17.9896, 15.4555 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(114, 120, 103)` looks like.

```
.text, #text, p{  
    color:rgb(114, 120, 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(114, 120, 103) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 16.1041, 17.9896, 15.4555 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(114, 120, 103) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 16.1041, 17.9896, 15.4555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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