

Converting Colors

XYZ(16.3581, 17.9661, 17.3031)

Have a look what the booklet for
XYZ(16.3581, 17.9661, 17.3031)
contains.

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Color

**XYZ(16.3507, 17.8968,
17.3445)**

Conversions

Conversions Part 1

Format	Color
Hex	72776E
RGB	114, 119, 110
RGB Percent	45%, 47%, 43%
CMY	0.5529, 0.5333, 0.5686
CMYK	0.04, 0.00, 0.08, 0.53
HSL	93°, 4%, 45%
HSV	93°, 8%, 47%
XYZ	16.3507, 17.8968, 17.3445
YIQ	116.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

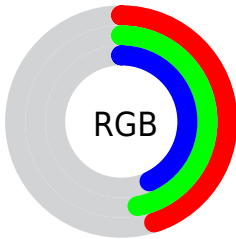
Format	Color
R_{YB}	110, 119, 115
Decimal	7501678
CIE Lab	49.37, -3.69, 4.29
CIE LCh	49, 5.660, 130.697
Yxy	17.8968, 0.3169, 0.3469
Android (android.graphics.Color)	4285691758 (0xFF72776E)
YUV	116.4790, -3.1941, -2.1741
Hunter-Lab	42.3046, -5.0430, 5.3049

Details

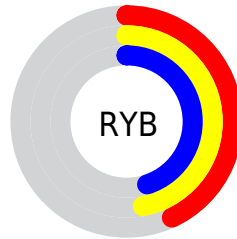
The XYZ color **16.3507, 17.8968, 17.3445** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9766, 16.1291, 19.7248**, and the grayscale version is **16.7575, 17.6302, 19.1993**.

A 20% lighter version of the original color is **36.8104, 39.8414, 39.9325**, and **5.3695, 6.0125, 5.4350** is the 20% darker color. If you saturate the color by 10%, you get **14.9167, 17.2280, 14.1193**, and if you desaturate by 10%, it is **17.9350, 18.6341, 21.0317**.

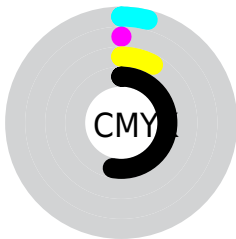
Distribution



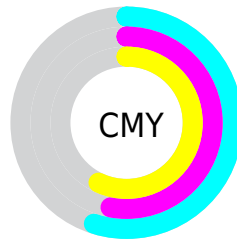
- Red (45%)
- Green (47%)
- Blue (43%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3507, 17.8968, 17.3445 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 16.3507, 17.8968, 17.3445 by changing the saturation by 10% instead.

■ 16.3507, 17.8968,
17.3445

■ 16.3507, 17.8968,
17.3445

224.6323,
240.2887, 249.2607

■ 9.8651, 10.8759,
10.3159

■ 36.7585, 39.8614,
39.7159

■ 5.3712, 5.9835,
5.5006

■ 51.4114, 55.5739,
55.8957

■ 2.5036, 2.8350,
2.4800

■ 69.5175, 74.9524,
75.9630

■ 0.8971, 1.0462,
0.8295

■ 91.4420, 98.3813,
100.3364

■ 0.0000, 0.0000,
0.0000

117.5504,
126.2450, 129.4342

148.2080,

158.9279, 163.6752

183.7802,
196.8143, 203.4779

■ 16.3507, 17.8968,
17.3445

■ 16.3507, 17.8968,
17.3445

■ 14.9167, 17.2280,
14.1193

■ 17.9350, 18.6341,
21.0317

■ 13.6267, 16.6232,
11.3369

■ 19.6725, 19.4394,
25.1971

■ 12.4761, 16.0811,
8.9781

■ 21.5681, 20.3155,
29.8572

■ 11.4597, 15.5993,
7.0221

■ 23.6259, 21.2640,
35.0276

■ 10.5717, 15.1755,
5.4464

■ 25.8500, 22.2868,
40.7232

■ 9.8058, 14.8069,
4.2260

■ 28.2440, 23.3854,
46.9582

■ 9.1554, 14.4907,
3.3332

■ 30.8118, 24.5616,
53.7463

■ 8.6125, 14.2235,
2.7359

■ 33.5568, 25.8167,
61.1007

■ 8.1606, 13.9985,
2.3551

■ 36.4827, 27.1525,
69.0343

Harmonies

Analogous

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



16.8208, 17.8968, 16.7419



16.3507, 17.8968, 17.3445



16.0612, 17.8968, 18.5322

Triad

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



16.3507, 17.8968, 17.3445



16.6738, 17.8968, 22.3906



18.0376, 17.8968, 18.9467

Complementary

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



16.3507, 17.8968, 17.3445



15.9766, 16.1291, 19.7248

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.



17.9962, 17.8968, 20.4732



16.3507, 17.8968, 17.3445



17.2013, 17.8968, 22.5159

Square

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



16.3507, 17.8968, 17.3445



16.2450, 17.8968, 21.4641



17.6876, 17.8968, 21.7981



17.7994, 17.8968, 17.6344

Rectangle

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



16.3507, 17.8968, 17.3445



16.0058, 17.8968, 19.5223



17.6876, 17.8968, 21.7981



18.0561, 17.8968, 19.4509

Sweetspot

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



16.3512, 17.8976, 17.3449



30.8091, 32.7601, 34.5941



16.5479, 17.2985, 17.2189



7.3117, 7.7686, 8.2224



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.



16.3512, 17.8976, 17.3449



28.8332, 31.8402, 30.0407



15.8668, 17.6450, 17.4505



3.7808, 4.1704, 3.9480



8.5508, 14.8125, 2.4084



40.7147, 71.6910, 11.6919

Inverse Universe

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



15.9766, 16.1291, 19.7248



28.0236, 28.0182, 35.1841



16.4871, 16.3954, 19.6079



3.6770, 3.6808, 4.6069



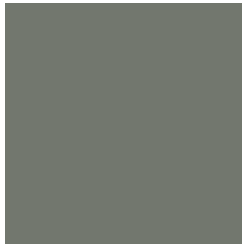
5.9226, 2.6445, 18.7409



27.8643, 12.3731, 91.2799

Previews

White Background



This preview shows how the XYZ color 16.3507, 17.8968, 17.3445 looks on a white background.

Color Contrast Check

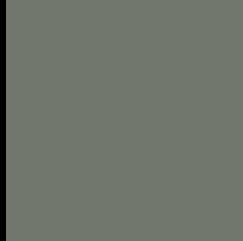
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3507, 17.8968, 17.3445 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

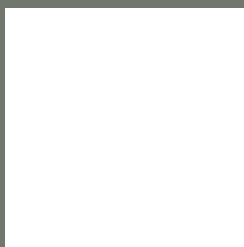
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.3507, 17.8968, 17.3445

Background



This preview shows how black text looks on a background with the XYZ color 16.3507, 17.8968, 17.3445.



This preview shows how white text looks on a background with the XYZ color 16.3507, 17.8968,

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

16.3507, 17.8968, 17.3445

Protanopia

17.0068, 17.8917, 17.0251

Deuteranopia

18.1344, 17.7832, 17.5156



Tritanopia

17.3296, 17.9419, 22.2884

Trichromacy



Original Color

16.3507, 17.8968, 17.3445

Protanomaly

16.7100, 17.9125, 17.0448

Deuteranomaly

17.4574, 17.7691, 17.5486

Tritanomaly

16.9388, 17.9578, 20.3427

Monochromacy



Original Color

16.3507, 17.8968, 17.3445

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4688, 17.5823, 18.4453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3507, 17.8968, 17.3445 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, 119, 110)` looks like.

```
.text, #text, p{  
    color:rgb(114, 119, 110)  
}
```

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, 119, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 119, 110) }
```

Border

The CSS property to change the border of an element to XYZ 16.3507, 17.8968, 17.3445 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, 119, 110) }
```


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

```
.border{ border-color:rgb(114, 119, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 119, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 119, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 119, 110);  
box-shadow:4px 4px 4px 4px rgb(114, 119,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3507, 17.8968, 17.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 119, 110) }
```

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

```
.background{ background-color: rgb(114,  
119, 110) }
```

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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