

Converting Colors

XYZ(16.6972, 15.4503, 18.3218)

Have a look what the booklet for
XYZ(16.6972, 15.4503, 18.3218)
contains.

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Color

**XYZ(16.6972, 15.4503,
18.3218)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6773
RGB	127, 103, 115
RGB Percent	50%, 40%, 45%
CMY	0.5020, 0.5961, 0.5490
CMYK	0.00, 0.19, 0.09, 0.50
HSL	330°, 10%, 45%
HSV	330°, 19%, 50%
XYZ	16.6972, 15.4503, 18.3218
YIQ	111.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

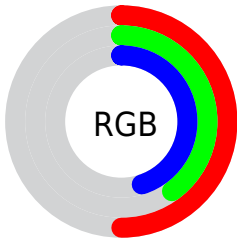
Format	Color
R_{YB}	127, 103, 115
Decimal	8349555
CIE Lab	46.24, 11.73, -3.10
CIE LCh	46, 12.135, 345.212
Yxy	15.4503, 0.3308, 0.3061
Android (android.graphics.Color)	4286539635 (0xFF7F6773)
YUV	111.5440, 1.7038, 13.5549
Hunter-Lab	39.3069, 7.0382, -0.1216

Details

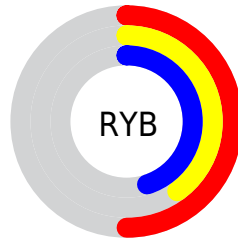
The XYZ color **16.6972, 15.4503, 18.3218** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2781, 19.3007, 19.0881**, and the grayscale version is **15.2611, 16.0559, 17.4848**.

A 20% lighter version of the original color is **37.3530, 35.6045, 41.4629**, and **5.5692, 4.8533, 5.9534** is the 20% darker color. If you saturate the color by 10%, you get **15.1758, 12.9722, 16.0734**, and if you desaturate by 10%, it is **18.4366, 18.3236, 20.7675**.

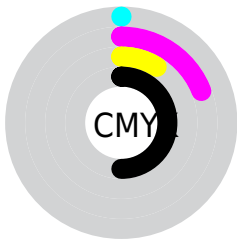
Distribution



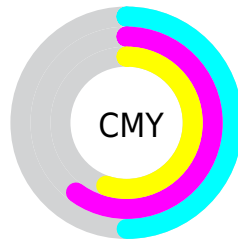
- Red (50%)
- Green (40%)
- Blue (45%)



- Red (50%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6972, 15.4503, 18.3218 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 16.6972, 15.4503, 18.3218 by changing the saturation by 10% instead.

■ 16.6972, 15.4503,
18.3218

■ 16.6972, 15.4503,
18.3218

226.6118,
226.0758, 254.9754

■ 10.1128, 9.1360,
11.0094

■ 37.3522, 35.6412,
41.4062

■ 5.5367, 4.8300,
5.9589

■ 52.1535, 50.2867,
58.0154

■ 2.6034, 2.1479,
2.7517

■ 70.4244, 68.4779,
78.5605

■ 0.9477, 0.6913,
0.9693

■ 92.5304, 90.5995,
103.4602

■ 0.0000, 0.0000,
0.0000

118.8368,
117.0356, 133.1330

149.7089,

148.1708, 167.9975

185.5121,
184.3894, 208.4721

■ 16.6972, 15.4503,
18.3218

■ 16.6972, 15.4503,
18.3218

■ 15.1758, 12.9722,
16.0734

■ 18.4366, 18.3236,
20.7675

■ 13.8619, 10.8698,
14.0158

■ 20.4011, 21.6065,
23.4147

■ 12.7462, 9.1251,
12.1434

■ 22.5994, 25.3150,
26.2688

■ 11.8180, 7.7176,
10.4501

■ 25.0392, 29.4638,
29.3347

■ 11.0656, 6.6247,
8.9291

■ 27.7277, 34.0668,
32.6170

■ 10.4759, 5.8213,
7.5734

■ 30.6720, 39.1373,
36.1203

■ 10.0338, 5.2781,
6.3749

■ 33.8787, 44.6881,
39.8488

■ 9.6987, 4.9149,
5.3171

■ 37.3544, 50.7315,
43.8069

■ 9.6636, 4.8765,
5.2072

■ 41.1054, 57.2792,
47.9986

Harmonies

Analogous

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



16.1452, 15.4503, 21.1719



16.6972, 15.4503, 18.3218



16.6930, 15.4503, 15.3693

Triad

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



16.6972, 15.4503, 18.3218



14.1684, 15.4503, 11.8949



13.3255, 15.4503, 21.2068

Complementary

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



16.6972, 15.4503, 18.3218



16.2781, 19.3007, 19.0881

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.



12.8449, 15.4503, 18.3651



16.6972, 15.4503, 18.3218



13.3157, 15.4503, 13.1141

Square

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



16.6972, 15.4503, 18.3218



15.1995, 15.4503, 11.8862



12.8414, 15.4503, 15.4078



14.1823, 15.4503, 22.9658

Rectangle

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



16.6972, 15.4503, 18.3218



16.3740, 15.4503, 13.7420



12.8414, 15.4503, 15.4078



13.1164, 15.4503, 20.3326

Sweetspot

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



16.6976, 15.4510, 18.3221



33.9427, 34.3569, 38.4577



15.7519, 14.8784, 22.1207



7.9053, 7.9746, 8.9474



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.6976, 15.4510, 18.3221



28.5861, 25.5181, 30.8938



16.0514, 15.1925, 14.9191



4.4104, 4.3773, 4.9657



9.7452, 4.9178, 5.2478



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.6976, 15.4510, 18.3221



28.5861, 25.5181, 30.8938



17.0142, 19.5951, 22.9646



4.4104, 4.3773, 4.9657



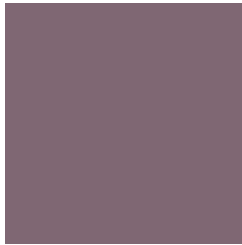
9.7452, 4.9178, 5.2478



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.6972, 15.4503, 18.3218 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 16.6972, 15.4503, 18.3218 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

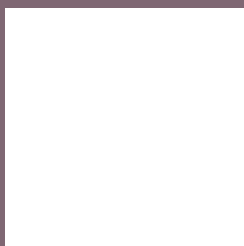
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6972, 15.4503, 18.3218

Background



This preview shows how black text looks on a background with the XYZ color 16.6972, 15.4503, 18.3218.



This preview shows how white text looks on a background with the XYZ color 16.6972, 15.4503,

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

16.6972, 15.4503, 18.3218

Protanopia

15.1051, 15.5204, 19.6524

Deuteranopia

15.6625, 15.3745, 18.0617



Tritanopia

16.6273, 15.5825, 17.4606

Trichromacy



Original Color

16.6972, 15.4503, 18.3218

Protanomaly

15.7302, 15.5364, 19.3093

Deuteranomaly

15.9740, 15.3830, 18.0469

Tritanomaly

16.6833, 15.6049, 17.7555

Monochromacy



Original Color

16.6972, 15.4503, 18.3218

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.7854, 15.9114, 17.8620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6972, 15.4503, 18.3218 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(127, 103, 115)` looks like.

```
.text, #text, p{  
    color:rgb(127, 103, 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(127, 103, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 103, 115) }
```

Border

The CSS property to change the border of an element to XYZ 16.6972, 15.4503, 18.3218 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(127, 103, 115) }
```


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

```
.border{ border-color:rgb(127, 103, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 103, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 103, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 103, 115);  
box-shadow:4px 4px 4px 4px rgb(127, 103,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6972, 15.4503, 18.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 103, 115) }
```

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

```
.background{ background-color: rgb(127,  
103, 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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