

Converting Colors

XYZ(16.3783, 15.8425, 20.6070)

Have a look what the booklet for
XYZ(16.3783, 15.8425, 20.6070)
contains.

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Color

**XYZ(16.3783, 15.8425,
20.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	776B7A
RGB	119, 107, 122
RGB Percent	47%, 42%, 48%
CMY	0.5333, 0.5804, 0.5216
CMYK	0.02, 0.12, 0.00, 0.52
HSL	288°, 7%, 45%
HSV	288°, 12%, 48%
XYZ	16.3783, 15.8425, 20.6070
YIQ	112.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

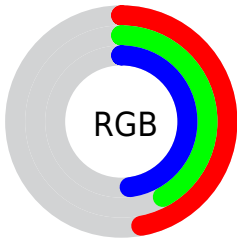
Format	Color
R_{YB}	119, 107, 122
Decimal	7826298
CIE Lab	46.77, 7.69, -6.61
CIE LCh	47, 10.138, 319.316
Yxy	15.8425, 0.3100, 0.2999
Android (android.graphics.Color)	4286016378 (0xFF776B7A)
YUV	112.2980, 4.7831, 5.8777
Hunter-Lab	39.8026, 3.7960, -2.8343

Details

The XYZ color **16.3783, 15.8425, 20.6070** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0444, 18.2960, 16.5966**, and the grayscale version is **15.4749, 16.2808, 17.7298**.

A 20% lighter version of the original color is **36.6614, 36.1676, 45.0932**, and **5.4170, 5.0523, 6.9930** is the 20% darker color. If you saturate the color by 10%, you get **14.8646, 13.3057, 20.1974**, and if you desaturate by 10%, it is **18.0810, 18.7441, 21.0776**.

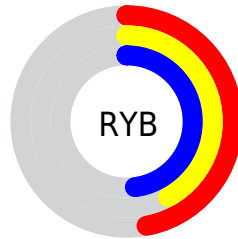
Distribution



Red (47%)

Green (42%)

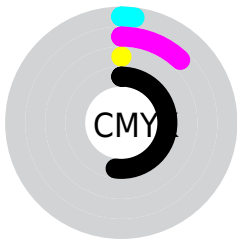
Blue (48%)



Red (47%)

Yellow (42%)

Blue (48%)

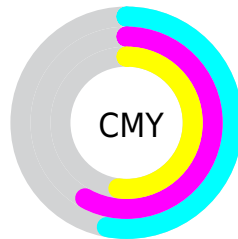


Cyan (2%)

Magenta (12%)

Yellow (0%)

Black (52%)



Cyan (53%)

Magenta (58%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3783, 15.8425, 20.6070 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 16.3783, 15.8425, 20.6070 by changing the saturation by 10% instead.

■ 16.3783, 15.8425,
20.6070

■ 16.3783, 15.8425,
20.6070

224.7905,
228.4105, 267.8946

■ 9.8848, 9.4128,
12.6486

■ 36.8059, 36.3246,
45.3048

■ 5.3843, 5.0114,
7.0591

■ 51.4707, 51.1457,
62.8813

■ 2.5115, 2.2539,
3.4201

■ 69.5899, 69.5327,
84.5009

■ 0.9011, 0.7492,
1.3129

■ 91.5290, 91.8701,
110.5822

■ 0.0000, 0.0000,
0.0724

117.6532,
118.5421, 141.5436

■ 0.0000, 0.0000,
0.0000

148.3280,

149.9333, 177.8038

183.9186,
186.4280, 219.7813

■ 16.3783, 15.8425,
20.6070

■ 16.3783, 15.8425,
20.6070

■ 14.8646, 13.3057,
20.1974

■ 18.0810, 18.7441,
21.0776

■ 13.5309, 11.1166,
19.8451

■ 19.9785, 22.0225,
21.6104

■ 12.3698, 9.2598,
19.5479

■ 22.0778, 25.6918,
22.2079

■ 11.3724, 7.7182,
19.3029

■ 24.3855, 29.7646,
22.8725

■ 10.5293, 6.4728,
19.1070

■ 26.9075, 34.2531,
23.6059

■ 9.8300, 5.5026,
18.9566

■ 29.6498, 39.1689,
24.4102

■ 9.2626, 4.7840,
18.8478

■ 32.6180, 44.5230,
25.2872

■ 8.8130, 4.2890,
18.7759

■ 35.8174, 50.3263,
26.2387

■ 8.5066, 3.9795,
18.7323

■ 39.2534, 56.5892,
27.2665

Harmonies

Analogous

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



15.6247, 15.8425, 22.2412



16.3783, 15.8425, 20.6070



16.7832, 15.8425, 18.1642

Triad

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



16.3783, 15.8425, 20.6070



15.3738, 15.8425, 12.9110



13.5162, 15.8425, 18.9036

Complementary

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



16.3783, 15.8425, 20.6070



16.0444, 18.2960, 16.5966

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.



13.4549, 15.8425, 16.3666



16.3783, 15.8425, 20.6070



14.5048, 15.8425, 13.0673

Square

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



16.3783, 15.8425, 20.6070



16.1885, 15.8425, 13.8285



13.8103, 15.8425, 14.2786



13.9811, 15.8425, 21.1934

Rectangle

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



16.3783, 15.8425, 20.6070



16.7908, 15.8425, 16.4768



13.8103, 15.8425, 14.2786



13.4484, 15.8425, 18.0466

Sweetspot

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



16.3788, 15.8432, 20.6073



31.2446, 32.0074, 36.9242



15.1799, 15.7376, 20.6502



7.0990, 7.2413, 8.4302



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.



16.3788, 15.8432, 20.6073



27.9629, 26.4359, 36.0217



16.5394, 15.9557, 19.2702



4.0797, 4.0390, 5.0078



8.9493, 4.1863, 19.7216



41.9871, 19.6072, 94.0414

Inverse Universe

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



16.0988, 15.7795, 16.9499



27.3682, 26.3039, 28.1100



15.9065, 18.1985, 17.7862



4.0281, 4.0270, 4.3455



8.6255, 4.4264, 1.3190



40.8945, 21.0141, 4.9746

Previews

White Background



This preview shows how the XYZ color 16.3783, 15.8425, 20.6070 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 16.3783, 15.8425, 20.6070 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 16.3783, 15.8425, 20.6070

Background



This preview shows how black text looks on a background with the XYZ color 16.3783, 15.8425, 20.6070.



This preview shows how white text looks on a background with the XYZ color 16.3783, 15.8425,

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

16.3783, 15.8425, 20.6070

Protanopia

15.5207, 15.8583, 21.3117

Deuteranopia

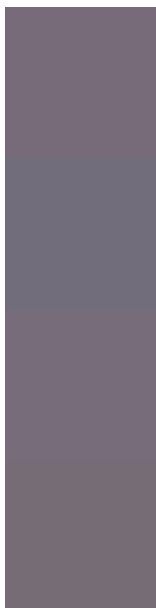
16.2115, 15.9122, 20.6293



Tritanopia

15.9862, 15.8376, 18.7374

Trichromacy



Original Color

16.3783, 15.8425, 20.6070

Protanomaly

15.8538, 15.8780, 20.9681

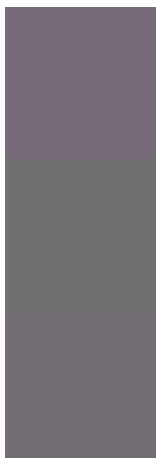
Deuteranomaly

16.3466, 15.9818, 20.6356

Tritanomaly

16.1038, 15.8847, 19.3568

Monochromacy



Original Color

16.3783, 15.8425, 20.6070

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.7985, 16.0577, 18.7898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3783, 15.8425, 20.6070 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(119, 107, 122)` looks like.

```
.text, #text, p{  
    color:rgb(119, 107, 122)  
}
```

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(119, 107, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 107, 122) }
```

Border

The CSS property to change the border of an element to XYZ 16.3783, 15.8425, 20.6070 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(119, 107, 122) }
```


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

```
.border{ border-color:rgb(119, 107, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 107, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 107, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 107, 122);  
box-shadow:4px 4px 4px 4px rgb(119, 107,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3783, 15.8425, 20.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 107, 122) }
```

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

```
.background{ background-color: rgb(119,  
107, 122) }
```

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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