

Converting Colors

XYZ(15.6696, 15.2701, 16.6324)

Have a look what the booklet for
XYZ(15.6696, 15.2701, 16.6324)
contains.

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Color

**XYZ(15.6970, 15.2722,
16.5885)**

Conversions

Conversions Part 1

Format	Color
Hex	79696D
RGB	121, 105, 109
RGB Percent	47%, 41%, 43%
CMY	0.5255, 0.5882, 0.5725
CMYK	0.00, 0.13, 0.10, 0.53
HSL	345°, 7%, 44%
HSV	345°, 13%, 47%
XYZ	15.6970, 15.2722, 16.5885
YIQ	110.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

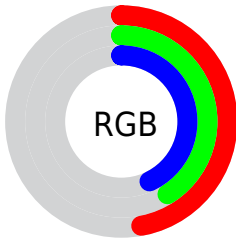
Format	Color
R_{YB}	121, 105, 109
Decimal	7956845
CIE Lab	46.00, 7.06, 0.09
CIE LCh	46, 7.062, 0.702
Yxy	15.2722, 0.3301, 0.3211
Android (android.graphics.Color)	4286146925 (0xFF79696D)
YUV	110.2400, -0.6113, 9.4365
Hunter-Lab	39.0797, 3.3081, 2.1884

Details

The XYZ color **15.6970, 15.2722, 16.5885** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8745, 17.9627, 19.4609**, and the grayscale version is **14.8903, 15.6657, 17.0600**.

A 20% lighter version of the original color is **35.4672, 35.1992, 38.1825**, and **5.0550, 4.7516, 5.2082** is the 20% darker color. If you saturate the color by 10%, you get **14.0876, 12.7953, 13.7647**, and if you desaturate by 10%, it is **17.5331, 18.1214, 19.7372**.

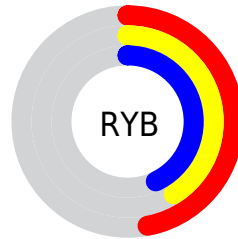
Distribution



Red (47%)

Green (41%)

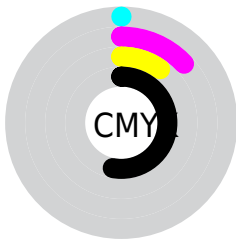
Blue (43%)



Red (47%)

Yellow (41%)

Blue (43%)

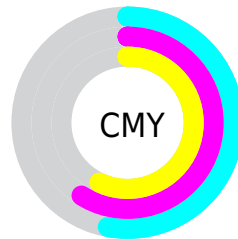


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (53%)



Cyan (53%)

Magenta (59%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6970, 15.2722, 16.5885 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 15.6970, 15.2722, 16.5885 by changing the saturation by 10% instead.

■ 15.6970, 15.2722,
16.5885

■ 15.6970, 15.2722,
16.5885

220.8528,
225.0079, 244.7529

■ 9.3995, 9.0106,
9.7827

■ 35.6331, 35.3300,
38.3978

■ 5.0618, 4.7481,
5.1514

■ 50.0024, 49.8950,
54.2384

■ 2.3187, 2.1002,
2.2761

■ 67.7930, 67.9967,
73.9276

■ 0.8042, 0.6648,
0.7178

■ 89.3702, 90.0193,
97.8841

■ 0.0000, 0.0000,
0.0000

115.0994,
116.3474, 126.5263

145.3460,

147.3652, 160.2728

180.4754,
183.4573, 199.5422

■ 15.6970, 15.2722,
16.5885

■ 15.6970, 15.2722,
16.5885

■ 14.0876, 12.7953,
13.7647

■ 17.5331, 18.1214,
19.7372

■ 12.6948, 10.6733,
11.2543

■ 19.6030, 21.3553,
23.2199

■ 11.5094, 8.8905,
9.0467

■ 21.9151, 24.9883,
27.0463

■ 10.5213, 7.4291,
7.1300

■ 24.4770, 29.0334,
31.2257

■ 9.7193, 6.2699,
5.4919

■ 27.2959, 33.5029,
35.7669

■ 9.0913, 5.3913,
4.1188

■ 30.3787, 38.4089,
40.6784

■ 8.6234, 4.7691,
2.9961

■ 33.7322, 43.7626,
45.9684

■ 8.2987, 4.3728,
2.1072

■ 37.3629, 49.5750,
51.6449

■ 8.1226, 4.1599,
1.6191

■ 41.2768, 55.8569,
57.7156

Harmonies

Analogous

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



15.5425, 15.2722, 18.2941



15.6970, 15.2722, 16.5885



15.5278, 15.2722, 15.0024

Triad

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



15.6970, 15.2722, 16.5885



13.9362, 15.2722, 13.9532



13.9599, 15.2722, 19.6714

Complementary

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



15.6970, 15.2722, 16.5885



15.8745, 17.9627, 19.4609

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.



13.5487, 15.2722, 18.3687



15.6970, 15.2722, 16.5885



13.5352, 15.2722, 15.0678

Square

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



15.6970, 15.2722, 16.5885



14.5017, 15.2722, 13.5466



13.3953, 15.2722, 16.6692



14.5299, 15.2722, 20.1464

Rectangle

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



15.6970, 15.2722, 16.5885



15.2568, 15.2722, 14.2068



13.3953, 15.2722, 16.6692



13.7991, 15.2722, 19.3116

Sweetspot

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



15.6974, 15.2729, 16.5888



31.0914, 31.9748, 34.8246



15.8393, 15.2662, 20.2011



7.0588, 7.2328, 7.8771



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.



15.6974, 15.2729, 16.5888



27.1503, 25.8684, 28.0363



15.9040, 16.0227, 15.6199



4.0356, 4.0300, 4.3852



8.7005, 4.4563, 1.7135



41.2077, 21.1394, 6.6239

Inverse Universe

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



15.6974, 15.2729, 16.5888



27.1503, 25.8684, 28.0363



15.6387, 17.1067, 20.5669



4.0356, 4.0300, 4.3852



8.7005, 4.4563, 1.7135



41.2077, 21.1394, 6.6239

Previews

White Background



This preview shows how the XYZ color 15.6970, 15.2722, 16.5885 looks on a white background.

Color Contrast Check

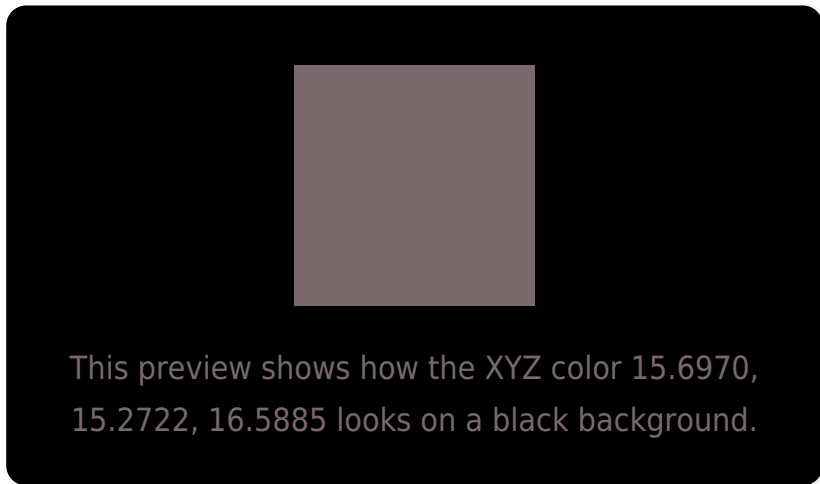
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.6970, 15.2722, 16.5885

Background



This preview shows how black text looks on a background with the XYZ color 15.6970, 15.2722, 16.5885.



This preview shows how white text looks on a background with the XYZ color 15.6970, 15.2722,

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

15.6970, 15.2722, 16.5885

Protanopia

14.6622, 15.1878, 17.1977

Deuteranopia

15.6601, 15.4053, 16.6161



Tritanopia

15.8161, 15.1578, 17.7149

Trichromacy



Original Color

15.6970, 15.2722, 16.5885

Protanomaly

15.0116, 15.2186, 16.8981

Deuteranomaly

15.6601, 15.4053, 16.6161

Tritanomaly

15.7601, 15.1354, 17.4200

Monochromacy



Original Color

15.6970, 15.2722, 16.5885

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.1165, 15.4283, 16.9331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6970, 15.2722, 16.5885 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(121, 105, 109)` looks like.

```
.text, #text, p{  
    color:rgb(121, 105, 109)  
}
```

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(121, 105, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 105, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.6970, 15.2722, 16.5885 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(121, 105, 109) }
```


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

```
.border{ border-color:rgb(121, 105, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 105, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 105, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 105, 109);  
box-shadow:4px 4px 4px 4px rgb(121, 105,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6970, 15.2722, 16.5885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 105, 109) }
```

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

```
.background{ background-color: rgb(121,  
105, 109) }
```

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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