

Converting Colors

XYZ(15.9779, 15.7539, 15.9678)

Have a look what the booklet for
XYZ(15.9779, 15.7539, 15.9678)
contains.

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Color

**XYZ(15.8853, 15.6936,
15.8276)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6B6A
RGB	122, 107, 106
RGB Percent	48%, 42%, 42%
CMY	0.5216, 0.5804, 0.5843
CMYK	0.00, 0.12, 0.13, 0.52
HSL	4°, 7%, 45%
HSV	4°, 13%, 48%
XYZ	15.8853, 15.6936, 15.8276
YIQ	111.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

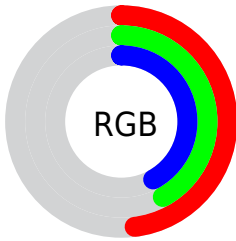
Format	Color
R_{YB}	122, 107, 106
Decimal	8022890
CIE Lab	46.57, 5.72, 2.72
CIE LCh	47, 6.332, 25.437
Yxy	15.6936, 0.3351, 0.3310
Android (android.graphics.Color)	4286212970 (0xFF7A6B6A)
YUV	111.3710, -2.6479, 9.3216
Hunter-Lab	39.6151, 2.2503, 4.0422

Details

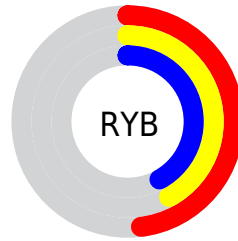
The XYZ color **15.8853, 15.6936, 15.8276** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2941, 18.1438, 21.0559**, and the grayscale version is **15.2232, 16.0160, 17.4414**.

A 20% lighter version of the original color is **35.9919, 36.0020, 36.9504**, and **5.1529, 4.9640, 4.8242** is the 20% darker color. If you saturate the color by 10%, you get **14.1811, 13.2292, 12.3489**, and if you desaturate by 10%, it is **17.8384, 18.5109, 19.8350**.

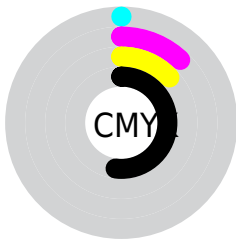
Distribution



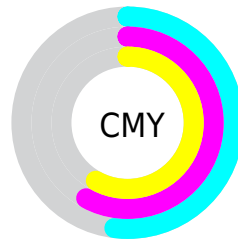
- Red (48%)
- Green (42%)
- Blue (42%)



- Red (48%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8853, 15.6936, 15.8276 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 15.8853, 15.6936, 15.8276 by changing the saturation by 10% instead.

■ 15.8853, 15.6936,
15.8276

■ 15.8853, 15.6936,
15.8276

221.9477,
227.5269, 240.1331

■ 9.5334, 9.3076,
9.2492

■ 35.9580, 36.0655,
37.0613

■ 5.1506, 4.9424,
4.8051

■ 50.4095, 50.8201,
52.5536

■ 2.3715, 2.2135,
2.0766

■ 68.2916, 69.1331,
71.8544

■ 0.8309, 0.7273,
0.6018

■ 89.9695, 91.3888,
95.3821

■ 0.0000, 0.0000,
0.0000

115.8088,
117.9716, 123.5553

146.1746,

149.2660, 156.7925

181.4325,
185.6563, 195.5123

■ 15.8853, 15.6936,
15.8276

■ 15.8853, 15.6936,
15.8276

■ 14.1811, 13.2292,
12.3489

■ 17.8384, 18.5109,
19.8350

■ 12.7145, 11.1018,
9.3759

■ 20.0484, 21.6921,
24.3908

■ 11.4754, 9.2975,
6.8854

■ 22.5247, 25.2502,
29.5150

■ 10.4523, 7.8003,
4.8519

■ 25.2756, 29.1971,
35.2263

■ 9.6329, 6.5933,
3.2476

■ 28.3094, 33.5439,
41.5424

■ 9.0035, 5.6575,
2.0417

■ 31.6338, 38.3016,
48.4803

■ 8.5487, 4.9720,
1.1993

■ 35.2562, 43.4805,
56.0565

■ 8.2504, 4.5125,
0.6774

■ 39.1837, 49.0907,
64.2867

■ 8.1091, 4.3035,
0.4033

■ 43.4234, 55.1418,
73.1861

Harmonies

Analogous

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



15.9883, 15.6936, 17.3281



15.8853, 15.6936, 15.8276



15.5203, 15.6936, 14.7277

Triad

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



15.8853, 15.6936, 15.8276



14.0677, 15.6936, 15.4369



14.8329, 15.6936, 20.2659

Complementary

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



15.8853, 15.6936, 15.8276



16.2941, 18.1438, 21.0559

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.



14.3282, 15.6936, 19.6872



15.8853, 15.6936, 15.8276



13.8933, 15.6936, 16.8494

Square

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



15.8853, 15.6936, 15.8276



14.4696, 15.6936, 14.5120



13.9875, 15.6936, 18.4129



15.3721, 15.6936, 19.9514

Rectangle

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



15.8853, 15.6936, 15.8276



15.1820, 15.6936, 14.3378



13.9875, 15.6936, 18.4129



14.6537, 15.6936, 20.1684

Sweetspot

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



15.8857, 15.6943, 15.8279



31.0256, 32.0513, 34.1610



16.6438, 15.8313, 20.3323



7.0415, 7.2528, 7.7029



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

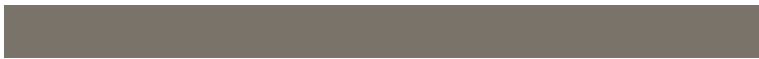
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.8857, 15.6943, 15.8279



26.9192, 26.1251, 25.7432



16.7358, 17.3943, 16.1113



4.0166, 4.0517, 4.1948



8.5351, 4.5261, 0.4238



40.4906, 21.1447, 1.9472

Inverse Universe

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



16.2941, 18.1438, 21.0559



27.7973, 31.3930, 36.9873



15.3844, 16.3245, 20.7527



4.0866, 4.4715, 5.0909



10.0741, 14.2306, 21.6011



47.8210, 67.4147, 102.9617

Previews

White Background



This preview shows how the XYZ color 15.8853, 15.6936, 15.8276 looks on a white background.

Color Contrast Check

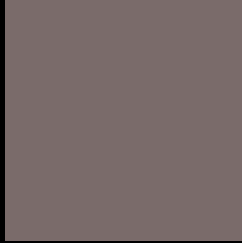
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8853, 15.6936, 15.8276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

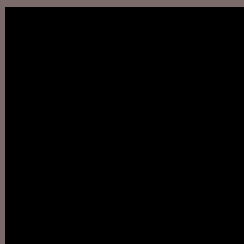
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8853, 15.6936, 15.8276

Background



This preview shows how black text looks on a background with the XYZ color 15.8853, 15.6936, 15.8276.



This preview shows how white text looks on a background with the XYZ color 15.8853, 15.6936,

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

15.8853, 15.6936, 15.8276

Protanopia

15.0928, 15.7453, 16.4310

Deuteranopia

16.0276, 15.7670, 15.8342



Tritanopia

16.3597, 15.7339, 18.0943

Trichromacy



Original Color

15.8853, 15.6936, 15.8276

Protanomaly

15.3249, 15.7118, 16.1349

Deuteranomaly

16.0276, 15.7670, 15.8342

Tritanomaly

16.1917, 15.6667, 17.2095

Monochromacy



Original Color

15.8853, 15.6936, 15.8276

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.4065, 15.9008, 16.7252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8853, 15.6936, 15.8276 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(122, 107, 106)` looks like.

```
.text, #text, p{  
    color:rgb(122, 107, 106)  
}
```

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(122, 107, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 107, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.8853, 15.6936, 15.8276 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(122, 107, 106) }
```


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

```
.border{ border-color:rgb(122, 107, 106) }
```

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

Here you see how a box with a 4 pixel rgb(122, 107, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 107, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 107, 106);  
box-shadow:4px 4px 4px 4px rgb(122, 107,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8853, 15.6936, 15.8276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 107, 106) }
```

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

```
.background{ background-color: rgb(122,  
107, 106) }
```

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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