

Converting Colors

XYZ(15.6400, 15.2173, 17.7357)

Have a look what the booklet for
XYZ(15.6400, 15.2173, 17.7357)
contains.

XYZ(15.6400, 15.2173, 17.7357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.6400, 15.2173,
17.7357)**

Conversions

Conversions Part 1

Format	Color
Hex	776971
RGB	119, 105, 113
RGB Percent	47%, 41%, 44%
CMY	0.5333, 0.5882, 0.5569
CMYK	0.00, 0.12, 0.05, 0.53
HSL	326°, 6%, 44%
HSV	326°, 12%, 47%
XYZ	15.6400, 15.2173, 17.7357
YIQ	110.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

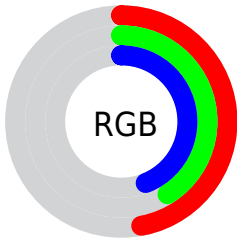
Format	Color
R_{YB}	119, 105, 113
Decimal	7825777
CIE Lab	45.93, 7.05, -2.45
CIE LCh	46, 7.463, 340.839
Yxy	15.2173, 0.3219, 0.3132
Android (android.graphics.Color)	4286015857 (0xFF776971)
YUV	110.0980, 1.4307, 7.8071
Hunter-Lab	39.0094, 3.2995, 0.3502

Details

The XYZ color **15.6400, 15.2173, 17.7357** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2924, 17.3451, 17.5818**, and the grayscale version is **14.8443, 15.6174, 17.0073**.

A 20% lighter version of the original color is **35.4746, 35.1515, 40.5125**, and **5.0657, 4.7474, 5.6504** is the 20% darker color. If you saturate the color by 10%, you get **14.2327, 12.8493, 15.8894**, and if you desaturate by 10%, it is **17.2339, 17.9324, 19.7242**.

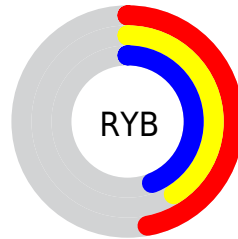
Distribution



Red (47%)

Green (41%)

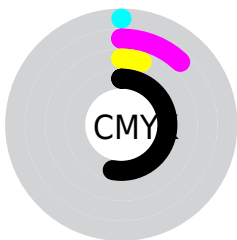
Blue (44%)



Red (47%)

Yellow (41%)

Blue (44%)

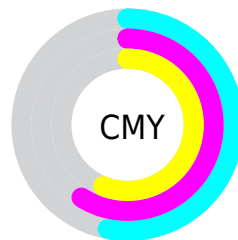


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (53%)



Cyan (53%)

Magenta (59%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6400, 15.2173, 17.7357 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 15.6400, 15.2173, 17.7357 by changing the saturation by 10% instead.

■ 15.6400, 15.2173,
17.7357

■ 15.6400, 15.2173,
17.7357

220.5204,
224.6777, 251.5630

■ 9.3590, 8.9720,
10.5929

■ 35.5346, 35.2339,
40.3943

■ 5.0351, 4.7229,
5.6831

■ 49.8789, 49.7741,
56.7472

■ 2.3028, 2.0856,
2.5877

■ 67.6417, 67.8480,
77.0072

■ 0.7961, 0.6565,
0.8861

■ 89.1883, 89.8401,
101.5929

■ 0.0000, 0.0000,
0.0000

114.8842,
116.1347, 130.9227

145.0945,

147.1162, 165.4153

180.1848,
183.1691, 205.4892

■ 15.6400, 15.2173,
17.7357

■ 15.6400, 15.2173,
17.7357

■ 14.2327, 12.8493,
15.8894

■ 17.2339, 17.9324,
19.7242

■ 13.0035, 10.8122,
14.1807

■ 19.0201, 21.0058,
21.8575

■ 11.9450, 9.0917,
12.6059

■ 21.0054, 24.4508,
24.1394

■ 11.0490, 7.6714,
11.1609

■ 23.1959, 28.2794,
26.5731

■ 10.3062, 6.5336,
9.8413

■ 25.5978, 32.5031,
29.1617

■ 9.7067, 5.6587,
8.6423

■ 28.2165, 37.1327,
31.9083

■ 9.2391, 5.0245,
7.5586

■ 31.0575, 42.1788,
34.8159

■ 8.8903, 4.6052,
6.5843

■ 34.1262, 47.6517,
37.8873

■ 8.6511, 4.3393,
5.8491

■ 37.4275, 53.5609,
41.1254

Harmonies

Analogous

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



15.2715, 15.2173, 19.3389



15.6400, 15.2173, 17.7357



15.6880, 15.2173, 15.9243

Triad

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



15.6400, 15.2173, 17.7357



14.2367, 15.2173, 13.3857



13.5651, 15.2173, 18.9464

Complementary

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



15.6400, 15.2173, 17.7357



15.2924, 17.3451, 17.5818

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.



13.3046, 15.2173, 17.2310



15.6400, 15.2173, 17.7357



13.6847, 15.2173, 14.0772

Square

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



15.6400, 15.2173, 17.7357



14.8654, 15.2173, 13.4992



13.3477, 15.2173, 15.4547



14.0691, 15.2173, 20.0722

Rectangle

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



15.6400, 15.2173, 17.7357



15.5304, 15.2173, 14.8511



13.3477, 15.2173, 15.4547



13.4468, 15.2173, 18.4146

Sweetspot

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



15.6404, 15.2180, 17.7360



30.1629, 30.9180, 34.4643



14.9165, 14.8044, 19.5245



7.1035, 7.2507, 8.1123



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.



15.6404, 15.2180, 17.7360



27.3222, 26.0926, 30.8784



15.2701, 15.0698, 15.7858



3.7634, 3.7327, 4.2810



9.1862, 4.6082, 6.1887



44.3299, 22.2821, 27.8641

Inverse Universe

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



15.6404, 15.2180, 17.7360



27.3222, 26.0926, 30.8784



15.6832, 17.5014, 19.6396



3.7634, 3.7327, 4.2810



9.1862, 4.6082, 6.1887



44.3299, 22.2821, 27.8641

Previews

White Background



This preview shows how the XYZ color 15.6400, 15.2173, 17.7357 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 15.6400, 15.2173, 17.7357 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

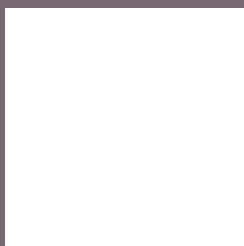
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6400, 15.2173, 17.7357

Background



This preview shows how black text looks on a background with the XYZ color 15.6400, 15.2173, 17.7357.



This preview shows how white text looks on a background with the XYZ color 15.6400, 15.2173,

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

15.6400, 15.2173, 17.7357

Protanopia

14.7637, 15.2141, 18.3781

Deuteranopia

15.6059, 15.3519, 17.7635



Tritanopia

15.6400, 15.2173, 17.7357

Trichromacy



Original Color

15.6400, 15.2173, 17.7357

Protanomaly

15.1050, 15.2410, 18.0653

Deuteranomaly

15.6059, 15.3519, 17.7635

Tritanomaly

15.6400, 15.2173, 17.7357

Monochromacy



Original Color

15.6400, 15.2173, 17.7357

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0419, 15.3835, 17.2155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6400, 15.2173, 17.7357 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, 105, 113)` looks like.

```
.text, #text, p{  
    color:rgb(119, 105, 113)  
}
```

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, 105, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 105, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.6400, 15.2173, 17.7357 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, 105, 113) }
```


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

```
.border{ border-color:rgb(119, 105, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 105, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 105, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 105, 113);  
box-shadow:4px 4px 4px 4px rgb(119, 105,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6400, 15.2173, 17.7357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 105, 113) }
```

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

```
.background{ background-color: rgb(119,  
105, 113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor