

Converting Colors

XYZ(15.5302, 15.7863, 15.4261)

Have a look what the booklet for
XYZ(15.5302, 15.7863, 15.4261)
contains.

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Color

**XYZ(15.5751, 15.8587,
15.3368)**

Conversions

Conversions Part 1

Format	Color
Hex	776D68
RGB	119, 109, 104
RGB Percent	47%, 43%, 41%
CMY	0.5333, 0.5725, 0.5922
CMYK	0.00, 0.08, 0.13, 0.53
HSL	20°, 7%, 44%
HSV	20°, 13%, 47%
XYZ	15.5751, 15.8587, 15.3368
YIQ	111.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

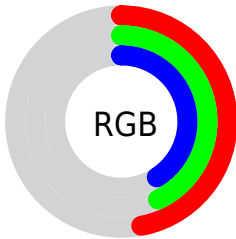
Format	Color
R_{YB}	119, 112, 104
Decimal	7826792
CIE Lab	46.79, 2.97, 4.20
CIE LCh	47, 5.141, 54.693
Yxy	15.8587, 0.3330, 0.3391
Android (android.graphics.Color)	4286016872 (0xFF776D68)
YUV	111.4200, -3.6581, 6.6477
Hunter-Lab	39.8230, 0.1226, 5.0421

Details

The XYZ color **15.5751, 15.8587, 15.3368** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0560, 16.3093, 19.8075**, and the grayscale version is **15.2407, 16.0344, 17.4614**.

A 20% lighter version of the original color is **35.2818, 36.1661, 36.1316**, and **5.0597, 5.0802, 4.5848** is the 20% darker color. If you saturate the color by 10%, you get **14.2046, 14.0177, 12.1053**, and if you desaturate by 10%, it is **17.1081, 17.8880, 19.0438**.

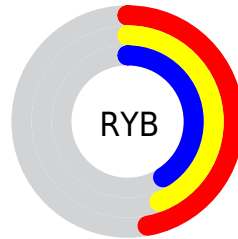
Distribution



Red (47%)

Green (43%)

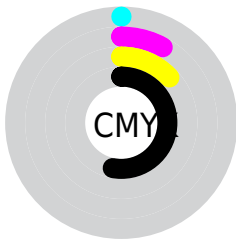
Blue (41%)



Red (47%)

Yellow (44%)

Blue (41%)

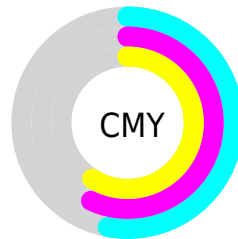


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5751, 15.8587, 15.3368 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 15.5751, 15.8587, 15.3368 by changing the saturation by 10% instead.

■ 15.5751, 15.8587,
15.3368

■ 15.5751, 15.8587,
15.3368

220.1413,
228.5065, 237.1064

■ 9.3129, 9.4242,
8.9069

■ 35.4224, 36.3527,
36.1936

■ 5.0046, 5.0189,
4.5845

■ 49.7382, 51.1811,
51.4575

■ 2.2847, 2.2584,
1.9512

■ 67.4693, 69.5761,
70.5031

■ 0.7868, 0.7515,
0.5250

■ 88.9811, 91.9224,
93.7491

■ 0.0000, 0.0000,
0.0000

114.6388,
118.6041, 121.6138

144.8078,

150.0058, 154.5159

179.8535,
186.5118, 192.8740

■ 15.5751, 15.8587,
15.3368

■ 15.5751, 15.8587,
15.3368

■ 14.2046, 14.0177,
12.1053

■ 17.1081, 17.8880,
19.0438

■ 12.9899, 12.3574,
9.3289

■ 18.8077, 20.1086,
23.2435

■ 11.9254, 10.8729,
6.9872

■ 20.6793, 22.5263,
27.9536

■ 11.0048, 9.5580,
5.0578

■ 22.7277, 25.1459,
33.1905

■ 10.2214, 8.4065,
3.5164

■ 24.9576, 27.9720,
38.9699

■ 9.5677, 7.4114,
2.3359

■ 27.3733, 31.0092,
45.3069

■ 9.0356, 6.5654,
1.4860

■ 29.9792, 34.2616,
52.2160

■ 8.6156, 5.8603,
0.9298

■ 32.7794, 37.7336,
59.7111

■ 8.3561, 5.4184,
0.6054

■ 35.7779, 41.4292,
67.8056

Harmonies

Analogous

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



15.8671, 15.8587, 16.2601



15.5751, 15.8587, 15.3368



15.1528, 15.8587, 14.9321

Triad

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



15.5751, 15.8587, 15.3368



14.2341, 15.8587, 17.0409



15.4349, 15.8587, 19.6002

Complementary

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



15.5751, 15.8587, 15.3368



15.0560, 16.3093, 19.8075

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.



14.9939, 15.8587, 19.8344



15.5751, 15.8587, 15.3368



14.3062, 15.8587, 18.3156

Square

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



15.5751, 15.8587, 15.3368



14.3831, 15.8587, 15.8844



14.5822, 15.8587, 19.3536



15.7851, 15.8587, 18.7285

Rectangle

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



15.5751, 15.8587, 15.3368



14.8564, 15.8587, 14.9956



14.5822, 15.8587, 19.3536



15.2921, 15.8587, 19.7578

Sweetspot

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



15.5755, 15.8594, 15.3371



30.2060, 31.4667, 33.0529



15.5955, 15.0377, 18.0004



7.1151, 7.4001, 7.7275



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

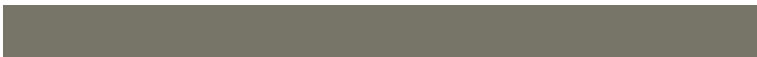
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.5755, 15.8594, 15.3371



27.1810, 27.4508, 25.7738



16.4098, 17.5280, 15.6152



3.7745, 3.8820, 3.8927



8.8695, 5.7402, 0.6405



42.5077, 26.5439, 2.8831

Inverse Universe

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



15.0560, 16.3093, 19.8075



26.0662, 28.4156, 35.3640



14.2446, 14.6866, 19.5370



3.6853, 3.9593, 4.6602



6.5235, 7.3867, 19.6245



30.9782, 34.3730, 95.3622

Previews

White Background



This preview shows how the XYZ color 15.5751, 15.8587, 15.3368 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 15.5751, 15.8587, 15.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

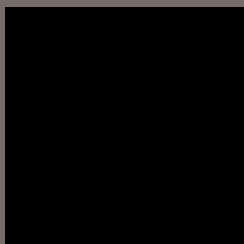
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5751, 15.8587, 15.3368

Background



This preview shows how black text looks on a background with the XYZ color 15.5751, 15.8587, 15.3368.



This preview shows how white text looks on a background with the XYZ color 15.5751, 15.8587,

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

15.5751, 15.8587, 15.3368

Protanopia

15.0652, 15.7492, 15.6105

Deuteranopia

16.0686, 15.8000, 15.2995



Tritanopia

16.2952, 15.8413, 18.7218

Trichromacy



Original Color

15.5751, 15.8587, 15.3368

Protanomaly

15.3282, 15.8848, 15.6228

Deuteranomaly

15.8873, 15.8622, 15.3211

Tritanomaly

16.0329, 15.8880, 17.5509

Monochromacy



Original Color

15.5751, 15.8587, 15.3368

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2221, 15.8120, 16.4371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5751, 15.8587, 15.3368 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, 109, 104)` looks like.

```
.text, #text, p{  
    color:rgb(119, 109, 104)  
}
```

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, 109, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 109, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.5751, 15.8587, 15.3368 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, 109, 104) }
```


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

```
.border{ border-color:rgb(119, 109, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 109, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 109, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 109, 104);  
box-shadow:4px 4px 4px 4px rgb(119, 109,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5751, 15.8587, 15.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 109, 104) }
```

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

```
.background{ background-color: rgb(119,  
109, 104) }
```

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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