

Converting Colors

XYZ(15.6015, 15.7734, 15.0721)

Have a look what the booklet for
XYZ(15.6015, 15.7734, 15.0721)
contains.

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Color

**XYZ(15.5565, 15.6975,
15.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	786C67
RGB	120, 108, 103
RGB Percent	47%, 42%, 40%
CMY	0.5294, 0.5765, 0.5961
CMYK	0.00, 0.10, 0.14, 0.53
HSL	18°, 8%, 44%
HSV	18°, 14%, 47%
XYZ	15.5565, 15.6975, 15.0420
YIQ	111.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

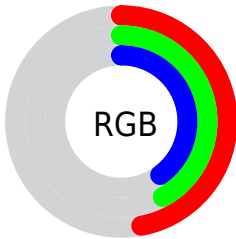
Format	Color
R_{YB}	120, 110, 103
Decimal	7892071
CIE Lab	46.58, 3.78, 4.50
CIE LCh	47, 5.877, 49.941
Yxy	15.6975, 0.3360, 0.3391
Android (android.graphics.Color)	4286082151 (0xFF786C67)
YUV	111.0180, -3.9529, 7.8772
Hunter-Lab	39.6201, 0.7515, 5.2242

Details

The XYZ color **15.5565, 15.6975, 15.0420** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1144, 16.5008, 20.1578**, and the grayscale version is **15.1244, 15.9120, 17.3282**.

A 20% lighter version of the original color is **35.2441, 35.9000, 35.6437**, and **4.9811, 4.9626, 4.4367** is the 20% darker color. If you saturate the color by 10%, you get **14.1468, 13.7737, 11.8107**, and if you desaturate by 10%, it is **17.1403, 17.8309, 18.7583**.

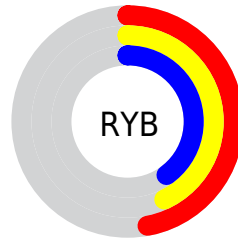
Distribution



Red (47%)

Green (42%)

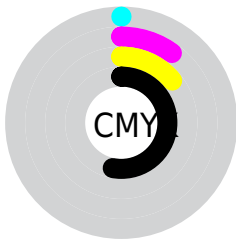
Blue (40%)



Red (47%)

Yellow (43%)

Blue (40%)

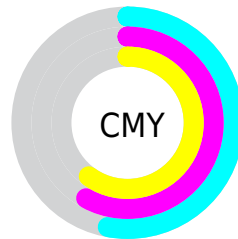


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5565, 15.6975, 15.0420 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 15.5565, 15.6975, 15.0420 by changing the saturation by 10% instead.

■ 15.5565, 15.6975,
15.0420

■ 15.5565, 15.6975,
15.0420

220.0325,
227.5501, 235.2698

■ 9.2997, 9.3104,
8.7019

■ 35.3902, 36.0722,
35.6702

■ 4.9959, 4.9442,
4.4531

■ 49.6979, 50.8286,
50.7954

■ 2.2796, 2.2145,
1.8771

■ 67.4199, 69.1436,
69.6860

■ 0.7842, 0.7279,
0.4781

■ 88.9216, 91.4014,
92.7606

■ 0.0000, 0.0000,
0.0000

114.5684,
117.9866, 120.4378

144.7255,

149.2835, 153.1360

179.7585,
185.6765, 191.2738

■ 15.5565, 15.6975,
15.0420

■ 15.5565, 15.6975,
15.0420

■ 14.1468, 13.7737,
11.8107

■ 17.1403, 17.8309,
18.7583

■ 12.9038, 12.0510,
9.0433

■ 18.9028, 20.1778,
22.9775

■ 11.8214, 10.5233,
6.7185

■ 20.8499, 22.7448,
27.7178

■ 10.8927, 9.1835,
4.8130

■ 22.9868, 25.5375,
32.9964

■ 10.1102, 8.0242,
3.3015

■ 25.3187, 28.5614,
38.8294

■ 9.4656, 7.0371,
2.1558

■ 27.8505, 31.8217,
45.2324

■ 8.9500, 6.2134,
1.3437

■ 30.5867, 35.3233,
52.2205

■ 8.5515, 5.5430,
0.8202

■ 33.5321, 39.0713,
59.8079

■ 8.3560, 5.2135,
0.5659

■ 36.6909, 43.0704,
68.0086

Harmonies

Analogous

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



15.8557, 15.6975, 16.1569



15.5565, 15.6975, 15.0420



15.0910, 15.6975, 14.4866

Triad

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



15.5565, 15.6975, 15.0420



13.9802, 15.6975, 16.6087



15.2551, 15.6975, 19.8543

Complementary

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



15.5565, 15.6975, 15.0420



15.1144, 16.5008, 20.1578

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.



14.7503, 15.6975, 19.9922



15.5565, 15.6975, 15.0420



14.0219, 15.6975, 18.0623

Square

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



15.5565, 15.6975, 15.0420



14.1859, 15.6975, 15.3566



14.3011, 15.6975, 19.3201



15.6790, 15.6975, 18.9532

Rectangle

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



15.5565, 15.6975, 15.0420



14.7523, 15.6975, 14.4857



14.3011, 15.6975, 19.3201



15.0890, 15.6975, 19.9933

Sweetspot

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



15.5569, 15.6982, 15.0423



30.1666, 31.3879, 33.0398



15.7013, 14.9358, 18.3306



7.1044, 7.3786, 7.7239



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

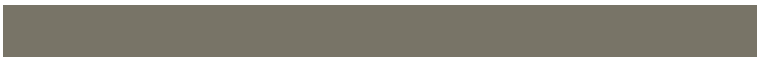
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.5569, 15.6982, 15.0423



26.5226, 26.4703, 24.5174



16.4761, 17.5365, 15.3487



4.0856, 4.1895, 4.2178



9.1045, 5.6649, 0.6136



42.7759, 25.7153, 2.7090

Inverse Universe

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



15.1144, 16.5008, 20.1578



25.5858, 28.1679, 35.3415



14.2087, 14.6894, 19.8559



4.0122, 4.3227, 5.0661



7.2032, 8.4889, 20.6442



33.5954, 38.9633, 98.2198

Previews

White Background



This preview shows how the XYZ color 15.5565, 15.6975, 15.0420 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 15.5565, 15.6975, 15.0420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

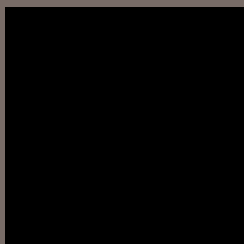
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5565, 15.6975, 15.0420

Background



This preview shows how black text looks on a background with the XYZ color 15.5565, 15.6975, 15.0420.

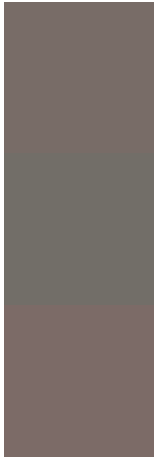


This preview shows how white text looks on a background with the XYZ color 15.5565, 15.6975,

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

15.5565, 15.6975, 15.0420

Protanopia

15.0141, 15.7287, 15.3413

Deuteranopia

16.0181, 15.7797, 15.0335



Tritanopia

16.2746, 15.6834, 18.3891

Trichromacy



Original Color

15.5565, 15.6975, 15.0420

Protanomaly

15.1698, 15.6498, 15.3179

Deuteranomaly

15.8743, 15.7056, 15.0268

Tritanomaly

16.0121, 15.7280, 17.2308

Monochromacy



Original Color

15.5565, 15.6975, 15.0420

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 15.5565, 15.6975, 15.0420 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(120, 108, 103)` looks like.

```
.text, #text, p{  
    color:rgb(120, 108, 103)  
}
```

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(120, 108, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 108, 103) }
```

Border

The CSS property to change the border of an element to XYZ 15.5565, 15.6975, 15.0420 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(120, 108, 103) }
```


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

```
.border{ border-color:rgb(120, 108, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 108, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 108, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 108, 103);  
box-shadow:4px 4px 4px 4px rgb(120, 108,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5565, 15.6975, 15.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 108, 103) }
```

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

```
.background{ background-color: rgb(120,  
108, 103) }
```

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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