

Converting Colors

XYZ(15.5643, 16.4474, 16.1007)

Have a look what the booklet for
XYZ(15.5643, 16.4474, 16.1007)
contains.

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Color

**XYZ(15.5769, 16.4957,
15.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	73716A
RGB	115, 113, 106
RGB Percent	45%, 44%, 42%
CMY	0.5490, 0.5569, 0.5843
CMYK	0.00, 0.02, 0.08, 0.55
HSL	47°, 4%, 43%
HSV	47°, 8%, 45%
XYZ	15.5769, 16.4957, 15.9987
YIQ	112.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

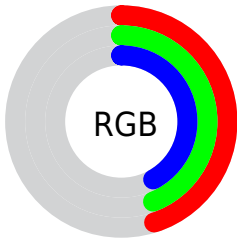
Format	Color
R_{YB}	109, 115, 106
Decimal	7565674
CIE Lab	47.62, -0.59, 4.15
CIE LCh	48, 4.192, 98.154
Yxy	16.4957, 0.3240, 0.3432
Android (android.graphics.Color)	4285755754 (0xFF73716A)
YUV	112.8000, -3.3524, 1.9294
Hunter-Lab	40.6149, -2.6165, 5.0754

Details

The XYZ color **15.5769, 16.4957, 15.9987** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4010, 15.0269, 18.3614**, and the grayscale version is **15.6461, 16.4609, 17.9259**.

A 20% lighter version of the original color is **35.4773, 37.5601, 37.2783**, and **4.9945, 5.2897, 4.8954** is the 20% darker color. If you saturate the color by 10%, you get **14.7379, 15.7113, 12.9637**, and if you desaturate by 10%, it is **16.5051, 17.3297, 19.4596**.

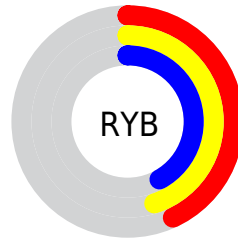
Distribution



Red (45%)

Green (44%)

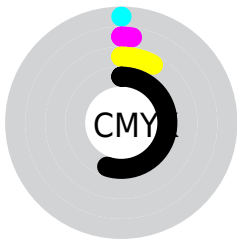
Blue (42%)



Red (43%)

Yellow (45%)

Blue (42%)

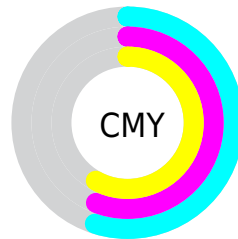


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (55%)



Cyan (55%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5769, 16.4957, 15.9987 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 15.5769, 16.4957, 15.9987 by changing the saturation by 10% instead.

■ 15.5769, 16.4957,
15.9987

■ 15.5769, 16.4957,
15.9987

220.1518,
232.2492, 241.1795

■ 9.3142, 9.8756,
9.3689

■ 35.4255, 37.4566,
37.3627

■ 5.0054, 5.3166,
4.8825

■ 49.7421, 52.5663,
52.9340

■ 2.2852, 2.4342,
2.1209

■ 67.4741, 71.2746,
72.3228

■ 0.7871, 0.8434,
0.6282

■ 88.9868, 93.9659,
95.9478

■ 0.0000, 0.0000,
0.0000

114.6456,
121.0246, 124.2274

144.8158,

152.8351, 157.5802

179.8627,
189.7819, 196.4247

■ 15.5769, 16.4957,
15.9987

■ 15.5769, 16.4957,
15.9987

■ 14.7379, 15.7113,
12.9637

■ 16.5051, 17.3297,
19.4596

■ 13.9834, 14.9728,
10.3368

■ 17.5241, 18.2124,
23.3610

■ 13.3105, 14.2797,
8.1006

■ 18.6373, 19.1458,
27.7184

■ 12.7155, 13.6301,
6.2358

■ 19.8476, 20.1312,
32.5460

■ 12.1943, 13.0226,
4.7217

■ 21.1574, 21.1696,
37.8574

■ 11.7426, 12.4550,
3.5355

■ 22.5694, 22.2622,
43.6657

■ 11.3554, 11.9255,
2.6516

■ 24.0860, 23.4101,
49.9835

■ 11.0271, 11.4317,
2.0408

■ 25.7096, 24.6142,
56.8231

■ 10.7424, 10.9672,
1.6225

■ 27.4424, 25.8757,
64.1959

Harmonies

Analogous

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



15.9478, 16.4957, 16.1166



15.5769, 16.4957, 15.9987



15.2386, 16.4957, 16.3899

Triad

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



15.5769, 16.4957, 15.9987



15.1200, 16.4957, 19.2635



16.3556, 16.4957, 18.7382

Complementary

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



15.5769, 16.4957, 15.9987



14.4010, 15.0269, 18.3614

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.



16.1271, 16.4957, 19.6295



15.5769, 16.4957, 15.9987



15.4126, 16.4957, 19.9410

Square

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



15.5769, 16.4957, 15.9987



14.9776, 16.4957, 18.2547



15.7809, 16.4957, 20.0776



16.4013, 16.4957, 17.6705

Rectangle

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



15.5769, 16.4957, 15.9987



15.0758, 16.4957, 16.8962



15.7809, 16.4957, 20.0776



16.2974, 16.4957, 19.0696

Sweetspot

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



15.5774, 16.4964, 15.9991



28.8334, 30.3904, 32.1318



14.9366, 15.0380, 16.3309



6.8849, 7.2557, 7.6888



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.5774, 16.4964, 15.9991



27.6724, 29.3362, 27.8368



15.4912, 16.7866, 16.0596



3.9010, 4.1350, 3.9348



12.1956, 12.3924, 1.7492



58.7748, 59.0780, 8.3054

Inverse Universe

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



14.4010, 15.0269, 18.3614



25.2088, 26.2587, 32.7843



14.4819, 14.7594, 18.3055



3.5605, 3.7097, 4.6186



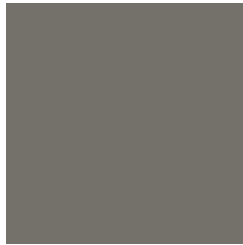
3.9336, 2.2069, 18.7612



18.6286, 9.6737, 91.2457

Previews

White Background



This preview shows how the XYZ color 15.5769, 16.4957, 15.9987 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 15.5769, 16.4957, 15.9987 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 15.5769, 16.4957, 15.9987

Background



This preview shows how black text looks on a background with the XYZ color 15.5769, 16.4957, 15.9987.



This preview shows how white text looks on a background with the XYZ color 15.5769, 16.4957,

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

15.5769, 16.4957, 15.9987

Protanopia

15.7318, 16.4109, 15.9741

Deuteranopia

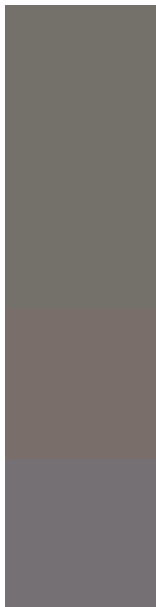
16.7267, 16.4344, 16.2005



Tritanopia

16.4107, 16.5069, 20.0905

Trichromacy



Original Color

15.5769, 16.4957, 15.9987

Protanomaly

15.5981, 16.3420, 15.9679

Deuteranomaly

16.2558, 16.3510, 16.2092

Tritanomaly

16.0911, 16.5391, 18.5639

Monochromacy



Original Color

15.5769, 16.4957, 15.9987

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6590, 16.5135, 17.1139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5769, 16.4957, 15.9987 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(115, 113, 106)` looks like.

```
.text, #text, p{  
    color:rgb(115, 113, 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(115, 113, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 113, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.5769, 16.4957, 15.9987 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(115, 113, 106) }
```


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

```
.border{ border-color:rgb(115, 113, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 113, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 113, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 113, 106);  
box-shadow:4px 4px 4px 4px rgb(115, 113,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5769, 16.4957, 15.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 113, 106) }
```

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

```
.background{ background-color: rgb(115,  
113, 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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