

Converting Colors

XYZ(15.5304, 16.7670, 15.9365)

Have a look what the booklet for
XYZ(15.5304, 16.7670, 15.9365)
contains.

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Color

**XYZ(15.5423, 16.8128,
16.0617)**

Conversions

Conversions Part 1

Format	Color
Hex	71736A
RGB	113, 115, 106
RGB Percent	44%, 45%, 42%
CMY	0.5569, 0.5490, 0.5843
CMYK	0.02, 0.00, 0.08, 0.55
HSL	73°, 4%, 43%
HSV	73°, 8%, 45%
XYZ	15.5423, 16.8128, 16.0617
YIQ	113.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

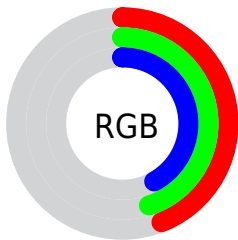
Format	Color
R_{YB}	106, 115, 108
Decimal	7435114
CIE Lab	48.02, -2.54, 4.71
CIE LCh	48, 5.352, 118.370
Yxy	16.8128, 0.3210, 0.3473
Android (android.graphics.Color)	4285625194 (0xFF71736A)
YUV	113.3760, -3.6364, -0.3298
Hunter-Lab	41.0034, -4.0957, 5.4775

Details

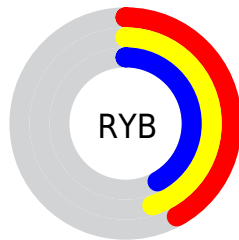
The XYZ color **15.5423, 16.8128, 16.0617** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4336, 14.7345, 18.3039**, and the grayscale version is **15.8183, 16.6421, 18.1232**.

A 20% lighter version of the original color is **35.4216, 38.0711, 37.3798**, and **4.9765, 5.4539, 4.9281** is the 20% darker color. If you saturate the color by 10%, you get **14.6596, 16.4228, 13.1051**, and if you desaturate by 10%, it is **16.5155, 17.2412, 19.4420**.

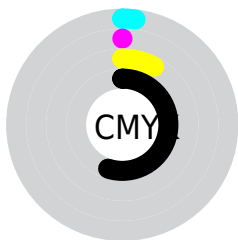
Distribution



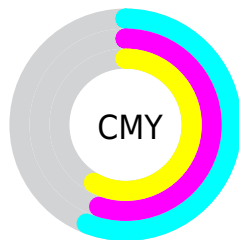
- Red (44%)
- Green (45%)
- Blue (42%)



- Red (42%)
- Yellow (45%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (55%)



- Cyan (56%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5423, 16.8128, 16.0617 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 15.5423, 16.8128, 16.0617 by changing the saturation by 10% instead.

■ 15.5423, 16.8128,
16.0617

■ 15.5423, 16.8128,
16.0617

219.9494,
234.0913, 241.5636

■ 9.2896, 10.1011,
9.4130

■ 35.3657, 38.0036,
37.4736

■ 4.9892, 5.4660,
4.9111

■ 49.6671, 53.2516,
53.0738

■ 2.2756, 2.5232,
2.1373

■ 67.3822, 72.1137,
72.4950

■ 0.7821, 0.8882,
0.6379

■ 88.8762, 94.9744,
96.1556

■ 0.0000, 0.0000,
0.0000

114.5146,
122.2182, 124.4743

144.6627,

154.2293, 157.8695

179.6859,
191.3922, 196.7597

■ 15.5423, 16.8128,
16.0617

■ 15.5423, 16.8128,
16.0617

■ 14.6596, 16.4228,
13.1051

■ 16.5155, 17.2412,
19.4420

■ 13.8627, 16.0676,
10.5544

■ 17.5807, 17.7069,
23.2606

■ 13.1486, 15.7466,
8.3921

■ 18.7415, 18.2120,
27.5329

■ 12.5136, 15.4582,
6.5991

■ 20.0006, 18.7574,
32.2731

■ 11.9537, 15.2010,
5.1547

■ 21.3606, 19.3444,
37.4948

■ 11.4644, 14.9730,
4.0360

■ 22.8240, 19.9738,
43.2112

■ 11.0409, 14.7724,
3.2176

■ 24.3935, 20.6467,
49.4348

■ 10.6776, 14.5968,
2.6701

■ 26.0712, 21.3641,
56.1777

■ 10.3589, 14.4401,
2.3130

■ 27.8595, 22.1269,
63.4516

Harmonies

Analogous

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



16.0065, 16.8128, 15.7713



15.5423, 16.8128, 16.0617



15.2014, 16.8128, 16.9450

Triad

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



15.5423, 16.8128, 16.0617



15.4974, 16.8128, 20.6686



16.9277, 16.8128, 18.3821

Complementary

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



15.5423, 16.8128, 16.0617



14.4336, 14.7345, 18.3039

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.



16.7849, 16.8128, 19.7386



15.5423, 16.8128, 16.0617



15.9536, 16.8128, 21.0993

Square

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



15.5423, 16.8128, 16.0617



15.1758, 16.8128, 19.6010



16.4260, 16.8128, 20.7508



16.8123, 16.8128, 17.0699

Rectangle

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



15.5423, 16.8128, 16.0617



15.0865, 16.8128, 17.7747



16.4260, 16.8128, 20.7508



16.9082, 16.8128, 18.8484

Sweetspot

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



15.5428, 16.8135, 16.0621



28.8168, 30.5403, 32.1616



15.0296, 15.4005, 15.8164



6.8812, 7.2887, 7.6954



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.



15.5428, 16.8135, 16.0621



27.5985, 30.0037, 27.9696



14.9843, 16.5256, 16.0359



3.8908, 4.2272, 3.9531



11.7460, 16.4596, 2.5579



56.4822, 79.8194, 12.4298

Inverse Universe

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



14.4336, 14.7345, 18.3039



25.2761, 25.6508, 32.6634



14.9886, 15.0206, 18.3299



3.5698, 3.6255, 4.6019



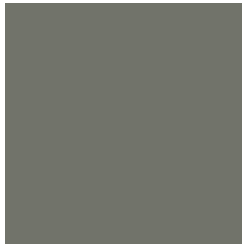
3.9957, 1.6512, 18.6507



18.8477, 7.7249, 90.8579

Previews

White Background



This preview shows how the XYZ color 15.5423, 16.8128, 16.0617 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 15.5423, 16.8128, 16.0617 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

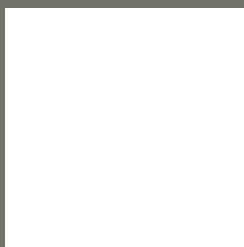
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5423, 16.8128, 16.0617

Background



This preview shows how black text looks on a background with the XYZ color 15.5423, 16.8128, 16.0617.



This preview shows how white text looks on a background with the XYZ color 15.5423, 16.8128,

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

15.5423, 16.8128, 16.0617

Protanopia

15.9261, 16.6817, 15.7451

Deuteranopia

16.9822, 16.7254, 16.2432



Tritanopia

16.4882, 16.8602, 20.7977

Trichromacy



Original Color

15.5423, 16.8128, 16.0617

Protanomaly

15.7696, 16.7676, 15.7699

Deuteranomaly

16.4741, 16.7875, 16.2819

Tritanomaly

16.1091, 16.8730, 18.9308

Monochromacy



Original Color

15.5423, 16.8128, 16.0617

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6418, 16.6711, 17.1453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5423, 16.8128, 16.0617 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(113, 115, 106)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 15.5423, 16.8128, 16.0617 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(113, 115, 106) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 15.5423, 16.8128, 16.0617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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