

Converting Colors

XYZ(15.8370, 15.3941, 16.1609)

Have a look what the booklet for
XYZ(15.8370, 15.3941, 16.1609)
contains.

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Color

**XYZ(15.7315, 15.3023,
16.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	7A696B
RGB	122, 105, 107
RGB Percent	48%, 41%, 42%
CMY	0.5216, 0.5882, 0.5804
CMYK	0.00, 0.14, 0.12, 0.52
HSL	353°, 7%, 45%
HSV	353°, 14%, 48%
XYZ	15.7315, 15.3023, 16.0344
YIQ	110.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

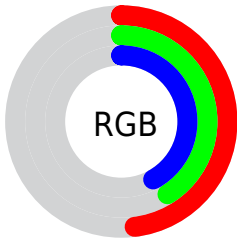
Format	Color
RYB	122, 105, 107
Decimal	8022379
CIELab	46.05, 7.09, 1.36
CIElCh	46, 7.216, 10.860
Yxy	15.3023, 0.3342, 0.3251
Android (android.graphics.Color)	4286212459 (0xFF7A696B)
YUV	110.3110, -1.6323, 10.2513
Hunter-Lab	39.1182, 3.3276, 3.0799

Details

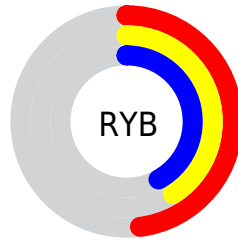
The XYZ color **15.7315, 15.3023, 16.0344** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1761, 18.2789, 20.4459**, and the grayscale version is **14.9134, 15.6900, 17.0864**.

A 20% lighter version of the original color is **35.7392, 35.3595, 37.2892**, and **5.0763, 4.7688, 4.9279** is the 20% darker color. If you saturate the color by 10%, you get **14.0454, 12.7807, 12.8496**, and if you desaturate by 10%, it is **17.6673, 18.2101, 19.6508**.

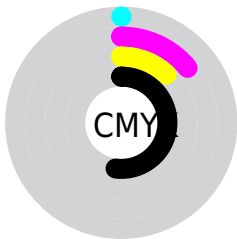
Distribution



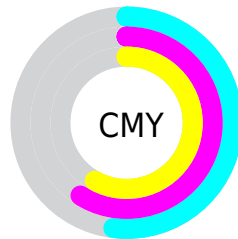
- Red (48%)
- Green (41%)
- Blue (42%)



- Red (48%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7315, 15.3023, 16.0344 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 15.7315, 15.3023, 16.0344 by changing the saturation by 10% instead.

■ 15.7315, 15.3023,
16.0344

■ 15.7315, 15.3023,
16.0344

221.0538,
225.1887, 241.3973

■ 9.4240, 9.0318,
9.3939

■ 35.6927, 35.3826,
37.4255

■ 5.0781, 4.7619,
4.8987

■ 50.0770, 49.9613,
53.0132

■ 2.3284, 2.1083,
2.1302

■ 67.8844, 68.0781,
72.4204

■ 0.8091, 0.6693,
0.6337

■ 89.4802, 90.1175,
96.0656

■ 0.0000, 0.0000,
0.0000

115.2296,
116.4639, 124.3673

145.4981,

147.5016, 157.7442

180.6511,
183.6151, 196.6146

■ 15.7315, 15.3023,
16.0344

■ 15.7315, 15.3023,
16.0344

■ 14.0454, 12.7807,
12.8496

■ 17.6673, 18.2101,
19.6508

■ 12.5975, 10.6270,
10.0794

■ 19.8611, 21.5172,
23.7131

■ 11.3775, 8.8247,
7.7069

■ 22.3224, 25.2387,
28.2361

■ 10.3738, 7.3551,
5.7138

■ 25.0597, 29.3882,
33.2337

■ 9.5734, 6.1978,
4.0803

■ 28.0813, 33.9787,
38.7193

■ 8.9625, 5.3301,
2.7849

■ 31.3950, 39.0227,
44.7054

■ 8.5251, 4.7264,
1.8037

■ 35.0085, 44.5322,
51.2045

■ 8.2407, 4.3520,
1.1089

■ 38.9289, 50.5187,
58.2283

■ 8.1077, 4.1703,
0.8052

■ 43.1635, 56.9934,
65.7883

Harmonies

Analogous

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



15.6852, 15.3023, 17.7918



15.7315, 15.3023, 16.0344



15.4531, 15.3023, 14.5517

Triad

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



15.7315, 15.3023, 16.0344



13.7877, 15.3023, 14.2394



14.1618, 15.3023, 20.0542

Complementary

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



15.7315, 15.3023, 16.0344



16.1761, 18.2789, 20.4459

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.



13.6720, 15.3023, 18.9662



15.7315, 15.3023, 16.0344



13.4603, 15.3023, 15.5804

Square

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



15.7315, 15.3023, 16.0344



14.3237, 15.3023, 13.5648



13.4185, 15.3023, 17.3050



14.7673, 15.3023, 20.1971

Rectangle

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



15.7315, 15.3023, 16.0344



15.1252, 15.3023, 13.8868



13.4185, 15.3023, 17.3050



13.9786, 15.3023, 19.7835

Sweetspot

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



15.7319, 15.3030, 16.0347



31.0223, 31.9471, 34.4606



16.2737, 15.4831, 20.5434



7.0406, 7.2255, 7.7815



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.



15.7319, 15.3030, 16.0347



26.5963, 25.3037, 26.1764



16.2863, 16.5780, 15.7069



4.0157, 4.0220, 4.2804



8.5341, 4.3898, 0.8377



40.5382, 20.8716, 3.0982

Inverse Universe

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



15.7319, 15.3030, 16.0347



26.5963, 25.3037, 26.1764



15.5577, 16.8460, 20.8442



4.0157, 4.0220, 4.2804



8.5341, 4.3898, 0.8377



40.5382, 20.8716, 3.0982

Previews

White Background



This preview shows how the XYZ color 15.7315, 15.3023, 16.0344 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 15.7315, 15.3023, 16.0344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

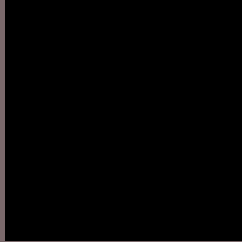
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7315, 15.3023, 16.0344

Background



This preview shows how black text looks on a background with the XYZ color 15.7315, 15.3023, 16.0344.



This preview shows how white text looks on a background with the XYZ color 15.7315, 15.3023,

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

15.7315, 15.3023, 16.0344

Protanopia

14.7845, 15.4209, 16.6653

Deuteranopia

15.5536, 15.3627, 16.0554



Tritanopia

16.0433, 15.2814, 17.4333

Trichromacy



Original Color

15.7315, 15.3023, 16.0344

Protanomaly

15.1396, 15.4527, 16.3721

Deuteranomaly

15.6930, 15.4346, 16.0620

Tritanomaly

15.9332, 15.2374, 16.8532

Monochromacy



Original Color

15.7315, 15.3023, 16.0344

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0623, 15.4067, 16.6479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7315, 15.3023, 16.0344 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(122, 105, 107)` looks like.

```
.text, #text, p{  
    color:rgb(122, 105, 107)  
}
```

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(122, 105, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 105, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.7315, 15.3023, 16.0344 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(122, 105, 107) }
```


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

```
.border{ border-color:rgb(122, 105, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 105, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 105, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 105, 107);  
box-shadow:4px 4px 4px 4px rgb(122, 105,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7315, 15.3023, 16.0344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 105, 107) }
```

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

```
.background{ background-color: rgb(122,  
105, 107) }
```

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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