

Converting Colors

XYZ(15.3127, 15.6923, 16.7586)

Have a look what the booklet for
XYZ(15.3127, 15.6923, 16.7586)
contains.

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Color

**XYZ(15.2992, 15.6862,
16.6894)**

Conversions

Conversions Part 1

Format	Color
Hex	736D6D
RGB	115, 109, 109
RGB Percent	45%, 43%, 43%
CMY	0.5490, 0.5725, 0.5725
CMYK	0.00, 0.05, 0.05, 0.55
HSL	0°, 3%, 44%
HSV	0°, 5%, 45%
XYZ	15.2992, 15.6862, 16.6894
YIQ	110.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

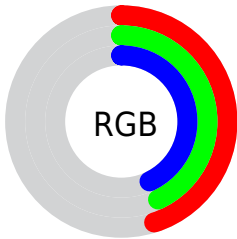
Format	Color
R_{YB}	115, 109, 109
Decimal	7564653
CIE Lab	46.56, 2.33, 0.83
CIE LCh	47, 2.473, 19.553
Yxy	15.6862, 0.3209, 0.3290
Android (android.graphics.Color)	4285754733 (0xFF736D6D)
YUV	110.7940, -0.8844, 3.6887
Hunter-Lab	39.6058, -0.3580, 2.7400

Details

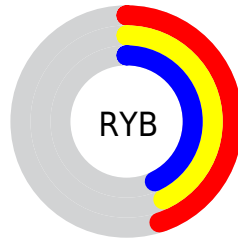
The XYZ color **15.2992, 15.6862, 16.6894** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5320, 16.7504, 18.6345**, and the grayscale version is **15.0518, 15.8357, 17.2451**.

A 20% lighter version of the original color is **34.8523, 35.8952, 38.3493**, and **4.9069, 4.9863, 5.2613** is the 20% darker color. If you saturate the color by 10%, you get **13.5730, 13.1605, 13.2569**, and if you desaturate by 10%, it is **17.2677, 18.5666, 20.6027**.

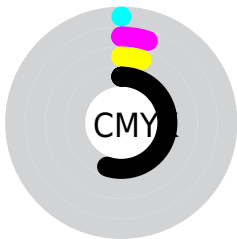
Distribution



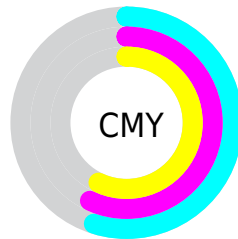
- Red (45%)
- Green (43%)
- Blue (43%)



- Red (45%)
- Yellow (43%)
- Blue (43%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2992, 15.6862, 16.6894 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 15.2992, 15.6862, 16.6894 by changing the saturation by 10% instead.

■ 15.2992, 15.6862,
16.6894

■ 15.2992, 15.6862,
16.6894

218.5228,
227.4829, 245.3591

■ 9.1173, 9.3024,
9.8537

■ 34.9446, 36.0526,
38.5743

■ 4.8755, 4.9389,
5.1977

■ 49.1388, 50.8039,
54.4605

■ 2.2084, 2.2115,
2.3030

■ 66.7345, 69.1132,
74.2007

■ 0.7472, 0.7262,
0.7329

■ 88.0970, 91.3648,
98.2133

■ 0.0000, 0.0000,
0.0000

113.5918,
117.9432, 126.9169

143.5841,

149.2328, 160.7300

178.4393,
185.6179, 200.0713

■ 15.2992, 15.6862,
16.6894

■ 15.2992, 15.6862,
16.6894

■ 13.5730, 13.1605,
13.2569

■ 17.2677, 18.5666,
20.6027

■ 12.0786, 10.9738,
10.2858

■ 19.4860, 21.8124,
25.0134

■ 10.8064, 9.1123,
7.7566

■ 21.9630, 25.4366,
29.9383

■ 9.7459, 7.5605,
5.6484

■ 24.7065, 29.4508,
35.3933

■ 8.8856, 6.3016,
3.9381

■ 27.7242, 33.8662,
41.3936

■ 8.2129, 5.3172,
2.6010

■ 31.0235, 38.6935,
47.9537

■ 7.7138, 4.5868,
1.6090

■ 34.6113, 43.9430,
55.0877

■ 7.3724, 4.0871,
0.9306

■ 38.4945, 49.6246,
62.8090

■ 7.1605, 3.7770,
0.5096

■ 42.6796, 55.7480,
71.1307

Harmonies

Analogous

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



15.3164, 15.6862, 17.2935



15.2992, 15.6862, 16.6894



15.1770, 15.6862, 16.2010

Triad

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



15.2992, 15.6862, 16.6894



14.5992, 15.6862, 16.3287



14.8350, 15.6862, 18.2613

Complementary

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



15.2992, 15.6862, 16.6894



15.5320, 16.7504, 18.6345

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.



14.6447, 15.6862, 17.9894



15.2992, 15.6862, 16.6894



14.5094, 15.6862, 16.8674

Square

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



15.2992, 15.6862, 16.6894



14.7724, 15.6862, 15.9962



14.5260, 15.6862, 17.4758



15.0470, 15.6862, 18.2109

Rectangle

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



15.2992, 15.6862, 16.6894



15.0530, 15.6862, 16.0022



14.5260, 15.6862, 17.4758



14.7664, 15.6862, 18.2043

Sweetspot

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



15.2996, 15.6869, 16.6897



28.4644, 29.6524, 32.0088



15.6337, 15.8202, 18.4496



6.8034, 7.0928, 7.6617



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.



15.2996, 15.6869, 16.6897



27.0877, 27.6380, 29.2716



15.6250, 16.3376, 16.7982



3.8064, 3.8800, 4.1058



8.0832, 4.1676, 0.3784



39.3893, 20.3071, 1.8436

Inverse Universe

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



15.5320, 16.7504, 18.6345



27.5758, 29.8722, 33.3570



15.1956, 16.0776, 18.5224



3.8771, 4.2035, 4.6973



10.5421, 15.4239, 20.9641



51.3720, 75.1605, 102.1601

Previews

White Background



This preview shows how the XYZ color 15.2992, 15.6862, 16.6894 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 15.2992, 15.6862, 16.6894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

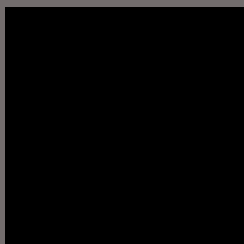
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2992, 15.6862, 16.6894

Background



This preview shows how black text looks on a background with the XYZ color 15.2992, 15.6862, 16.6894.



This preview shows how white text looks on a background with the XYZ color 15.2992, 15.6862,

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

15.2992, 15.6862, 16.6894

Protanopia

15.0183, 15.7007, 16.7070

Deuteranopia

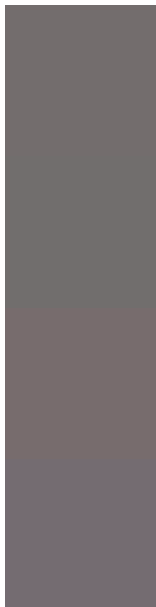
15.9032, 15.6845, 16.6572



Tritanopia

15.7174, 15.6991, 18.7248

Trichromacy



Original Color

15.2992, 15.6862, 16.6894

Protanomaly

15.1463, 15.7667, 16.7130

Deuteranomaly

15.7306, 15.7512, 16.6792

Tritanomaly

15.5457, 15.6304, 17.8204

Monochromacy



Original Color

15.2992, 15.6862, 16.6894

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0725, 15.7224, 16.9922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2992, 15.6862, 16.6894 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, 109, 109)` looks like.

```
.text, #text, p{  
    color:rgb(115, 109, 109)  
}
```

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, 109, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 109, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.2992, 15.6862, 16.6894 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, 109, 109) }
```


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

```
.border{ border-color:rgb(115, 109, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 109, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 109, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 109, 109);  
box-shadow:4px 4px 4px 4px rgb(115, 109,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2992, 15.6862, 16.6894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 109, 109) }
```

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

```
.background{ background-color: rgb(115,  
109, 109) }
```

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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