

Converting Colors

XYZ(15.5862, 14.8993, 16.0562)

Have a look what the booklet for
XYZ(15.5862, 14.8993, 16.0562)
contains.

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Color

**XYZ(15.5301, 14.8996,
15.9673)**

Conversions

Conversions Part 1

Format	Color
Hex	7A676B
RGB	122, 103, 107
RGB Percent	48%, 40%, 42%
CMY	0.5216, 0.5961, 0.5804
CMYK	0.00, 0.16, 0.12, 0.52
HSL	347°, 8%, 44%
HSV	347°, 16%, 48%
XYZ	15.5301, 14.8996, 15.9673
YIQ	109.1370, 10.0400, 5.2720

Conversions

Conversions Part 2

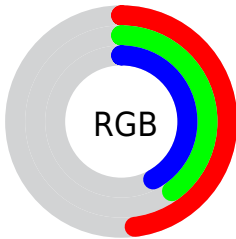
Format	Color
R_{YB}	122, 103, 107
Decimal	8021867
CIE _{Lab}	45.50, 8.28, 0.56
CIE _{LCh}	45, 8.296, 3.873
Yxy	14.8996, 0.3347, 0.3211
Android (android.graphics.Color)	4286211947 (0xFF7A676B)
YUV	109.1370, -1.0535, 11.2809
Hunter-Lab	38.6000, 4.2667, 2.4941

Details

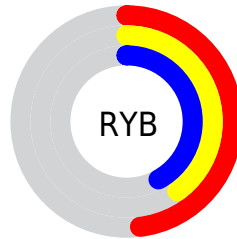
The XYZ color **15.5301, 14.8996, 15.9673** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8236, 18.1110, 19.8021**, and the grayscale version is **14.5759, 15.3350, 16.6998**.

A 20% lighter version of the original color is **35.4064, 34.6938, 37.1782**, and **4.9774, 4.5711, 4.8949** is the 20% darker color. If you saturate the color by 10%, you get **13.9252, 12.4561, 13.0698**, and if you desaturate by 10%, it is **17.3694, 17.7212, 19.2219**.

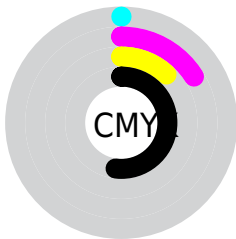
Distribution



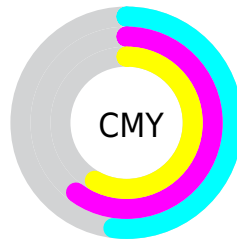
- Red (48%)
- Green (40%)
- Blue (42%)



- Red (48%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (52%)



- Cyan (52%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5301, 14.8996, 15.9673 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 15.5301, 14.8996, 15.9673 by changing the saturation by 10% instead.

■ 15.5301, 14.8996,
15.9673

■ 15.5301, 14.8996,
15.9673

219.8781,
222.7577, 240.9878

■ 9.2810, 8.7490,
9.3469

■ 35.3446, 34.6770,
37.3074

■ 4.9835, 4.5778,
4.8683

■ 49.6406, 49.0724,
52.8642

■ 2.2722, 2.0017,
2.1128

■ 67.3497, 66.9850,
72.2370

■ 0.7804, 0.6085,
0.6234

■ 88.8372, 88.7990,
95.8441

■ 0.0000, 0.0000,
0.0000

114.4684,
114.8989, 124.1042

144.6087,

145.6691, 157.4358

179.6235,
181.4939, 196.2575

■ 15.5301, 14.8996,
15.9673

■ 15.5301, 14.8996,
15.9673

■ 13.9252, 12.4561,
13.0698

■ 17.3694, 17.7212,
19.2219

■ 12.5440, 10.3727,
10.5161

■ 19.4507, 20.9339,
22.8443

■ 11.3768, 8.6328,
8.2937

■ 21.7830, 24.5527,
26.8460

■ 10.4125, 7.2180,
6.3887

■ 24.3743, 28.5910,
31.2375

■ 9.6393, 6.1078,
4.7864

■ 27.2323, 33.0618,
36.0291

■ 9.0441, 5.2797,
3.4708

■ 30.3644, 37.9773,
41.2306

■ 8.6118, 4.7077,
2.4243

■ 33.7776, 43.3494,
46.8515

■ 8.3183, 4.3483,
1.6251

■ 37.4787, 49.1895,
52.9010

■ 8.2089, 4.2107,
1.3383

■ 41.4743, 55.5086,
59.3881

Harmonies

Analogous

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



15.3893, 14.8996, 17.9585



15.5301, 14.8996, 15.9673



15.2945, 14.8996, 14.1919

Triad

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



15.5301, 14.8996, 15.9673



13.4334, 14.8996, 13.2623



13.5841, 14.8996, 19.8879

Complementary

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



15.5301, 14.8996, 15.9673



15.8236, 18.1110, 19.8021

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.



13.0861, 14.8996, 18.4394



15.5301, 14.8996, 15.9673



13.0011, 14.8996, 14.6033

Square

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



15.5301, 14.8996, 15.9673



14.0720, 14.8996, 12.7127



12.8760, 14.8996, 16.4817



14.2516, 14.8996, 20.3268

Rectangle

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



15.5301, 14.8996, 15.9673



14.9601, 14.8996, 13.3376



12.8760, 14.8996, 16.4817



13.3921, 14.8996, 19.4974

Sweetspot

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



15.5305, 14.9003, 15.9676



30.7136, 31.4166, 34.0903



15.8189, 14.9497, 20.4643



6.9784, 7.1153, 7.7171



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.



15.5305, 14.9003, 15.9676



26.1772, 24.4654, 26.0369



15.8777, 15.9236, 15.0695



4.0296, 4.0276, 4.3537



8.6399, 4.4321, 1.3947



40.9535, 21.0377, 5.2853

Inverse Universe

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



15.5305, 14.9003, 15.9676



26.1772, 24.4654, 26.0369



15.4236, 16.9226, 20.8659



4.0296, 4.0276, 4.3537



8.6399, 4.4321, 1.3947



40.9535, 21.0377, 5.2853

Previews

White Background



This preview shows how the XYZ color 15.5301, 14.8996, 15.9673 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 15.5301, 14.8996, 15.9673 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 15.5301, 14.8996, 15.9673

Background



This preview shows how black text looks on a background with the XYZ color 15.5301, 14.8996, 15.9673.



This preview shows how white text looks on a background with the XYZ color 15.5301, 14.8996,

15.9673.

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

15.5301, 14.8996, 15.9673

Protanopia

14.3247, 14.8707, 16.5833

Deuteranopia

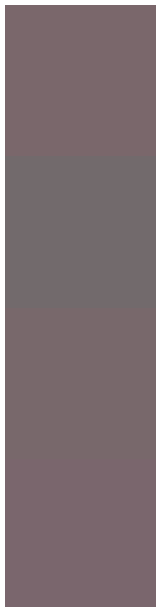
15.2119, 14.8841, 15.9811



Tritanopia

15.5919, 14.7661, 16.7802

Trichromacy



Original Color

15.5301, 14.8996, 15.9673

Protanomaly

14.8002, 14.9682, 16.2964

Deuteranomaly

15.3499, 14.9552, 15.9875

Tritanomaly

15.5377, 14.7444, 16.4950

Monochromacy



Original Color

15.5301, 14.8996, 15.9673

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.9039, 15.1755, 16.3310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5301, 14.8996, 15.9673 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, 103, 107)` looks like.

```
.text, #text, p{  
    color:rgb(122, 103, 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, 103, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 103, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.5301, 14.8996, 15.9673 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, 103, 107) }
```


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

```
.border{ border-color:rgb(122, 103, 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, 103, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 103, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 103, 107);  
box-shadow:4px 4px 4px 4px rgb(122, 103,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5301, 14.8996, 15.9673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 103, 107) }
```

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

```
.background{ background-color: rgb(122,  
103, 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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