

Converting Colors

XYZ(15.4516, 16.6892, 15.6844)

Have a look what the booklet for
XYZ(15.4516, 16.6892, 15.6844)
contains.

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Color

**XYZ(15.4906, 16.7921,
15.7894)**

Conversions

Conversions Part 1

Format	Color
Hex	717369
RGB	113, 115, 105
RGB Percent	44%, 45%, 41%
CMY	0.5569, 0.5490, 0.5882
CMYK	0.02, 0.00, 0.09, 0.55
HSL	72°, 5%, 43%
HSV	72°, 9%, 45%
XYZ	15.4906, 16.7921, 15.7894
YIQ	113.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

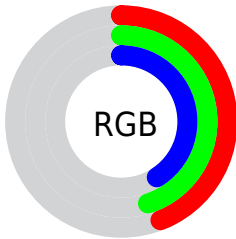
Format	Color
R_{YB}	105, 115, 107
Decimal	7435113
CIE Lab	48.00, -2.73, 5.26
CIE LCh	48, 5.932, 117.438
Yxy	16.7921, 0.3222, 0.3493
Android (android.graphics.Color)	4285625193 (0xFF717369)
YUV	113.2620, -4.0732, -0.2298
Hunter-Lab	40.9782, -4.2351, 5.8395

Details

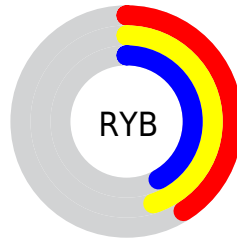
The XYZ color **15.4906, 16.7921, 15.7894** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2102, 14.4672, 18.2640**, and the grayscale version is **15.7855, 16.6076, 18.0857**.

A 20% lighter version of the original color is **35.3365, 38.0371, 36.9319**, and **4.9508, 5.4436, 4.7928** is the 20% darker color. If you saturate the color by 10%, you get **14.6468, 16.4213, 12.8703**, and if you desaturate by 10%, it is **16.4228, 17.2002, 19.1307**.

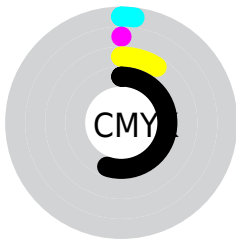
Distribution



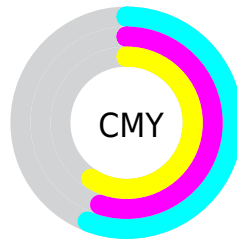
- Red (44%)
- Green (45%)
- Blue (41%)



- Red (41%)
- Yellow (45%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (55%)



- Cyan (56%)
- Magenta (55%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4906, 16.7921, 15.7894 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 15.4906, 16.7921, 15.7894 by changing the saturation by 10% instead.

■ 15.4906, 16.7921,
15.7894

■ 15.4906, 16.7921,
15.7894

219.6468,
233.9715, 239.8989

■ 9.2530, 10.0864,
9.2225

■ 35.2762, 37.9680,
36.9939

■ 4.9650, 5.4563,
4.7878

■ 49.5549, 53.2069,
52.4686

■ 2.2613, 2.5174,
2.0668

■ 67.2446, 72.0591,
71.7496

■ 0.7747, 0.8853,
0.5959

■ 88.7108, 94.9088,
95.2555

■ 0.0000, 0.0000,
0.0000

114.3187,
122.1405, 123.4049

144.4338,

154.1386, 156.6162

179.4214,
191.2874, 195.3080

■ 15.4906, 16.7921,
15.7894

■ 15.4906, 16.7921,
15.7894

■ 14.6468, 16.4213,
12.8703

■ 16.4228, 17.2002,
19.1307

■ 13.8867, 16.0844,
10.3554

■ 17.4451, 17.6446,
22.9089

■ 13.2075, 15.7806,
8.2273

■ 18.5609, 18.1274,
27.1395

■ 12.6053, 15.5085,
6.4667

■ 19.7729, 18.6495,
31.8367

■ 12.0761, 15.2665,
5.0527

■ 21.0838, 19.2120,
37.0141

■ 11.6156, 15.0527,
3.9623

■ 22.4960, 19.8160,
42.6850

■ 11.2187, 14.8653,
3.1696

■ 24.0122, 20.4624,
48.8620

■ 10.8798, 14.7018,
2.6450

■ 25.6345, 21.1523,
55.5571

■ 10.5810, 14.5552,
2.2948

■ 27.3654, 21.8864,
62.7821

Harmonies

Analogous

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



16.0065, 16.7921, 15.4931



15.4906, 16.7921, 15.7894



15.1082, 16.7921, 16.7421

Triad

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



15.4906, 16.7921, 15.7894



15.4126, 16.7921, 20.8835



17.0113, 16.7921, 18.4159

Complementary

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



15.4906, 16.7921, 15.7894



14.2102, 14.4672, 18.2640

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.



16.8440, 16.7921, 19.9173



15.4906, 16.7921, 15.7894



15.9144, 16.7921, 21.3908

Square

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



15.4906, 16.7921, 15.7894



15.0639, 16.7921, 19.6765



16.4396, 16.7921, 21.0278



16.8918, 16.7921, 16.9583

Rectangle

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



15.4906, 16.7921, 15.7894



14.9763, 16.7921, 17.6498



16.4396, 16.7921, 21.0278



16.9867, 16.7921, 18.9327

Sweetspot

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



15.4911, 16.7928, 15.7898



28.6560, 30.4710, 31.5394



14.8783, 15.1807, 15.5109



6.8078, 7.2568, 7.4220



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.



15.4911, 16.7928, 15.7898



27.4914, 29.9609, 27.4055



14.8655, 16.4703, 15.7605



3.8983, 4.2310, 3.9535



12.0346, 16.6084, 2.5715



57.9401, 80.5710, 12.4980

Inverse Universe

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



14.2102, 14.4672, 18.2640



24.8123, 25.0966, 32.5809



14.8288, 14.7861, 18.2930



3.5628, 3.6219, 4.6016



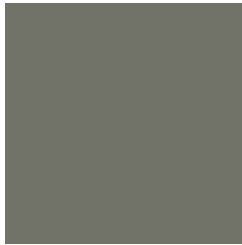
3.9265, 1.6155, 18.6474



18.5564, 7.5746, 90.8443

Previews

White Background



This preview shows how the XYZ color 15.4906, 16.7921, 15.7894 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 15.4906, 16.7921, 15.7894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

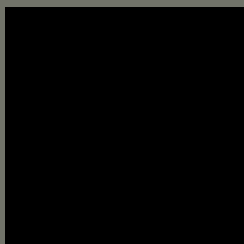
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

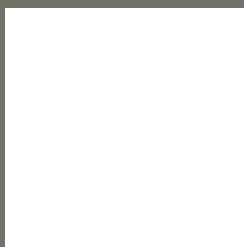
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4906, 16.7921, 15.7894

Background



This preview shows how black text looks on a background with the XYZ color 15.4906, 16.7921, 15.7894.

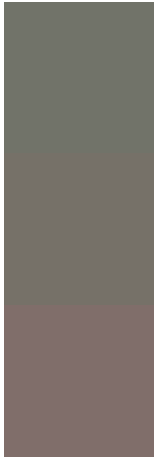


This preview shows how white text looks on a background with the XYZ color 15.4906, 16.7921,

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

15.4906, 16.7921, 15.7894

Protanopia

15.8750, 16.6613, 15.4759

Deuteranopia

17.0795, 16.7817, 15.9747



Tritanopia

16.4265, 16.8356, 20.4730

Trichromacy



Original Color

15.4906, 16.7921, 15.7894

Protanomaly

15.7185, 16.7471, 15.5008

Deuteranomaly

16.5641, 16.8399, 16.0131

Tritanomaly

16.0513, 16.8498, 18.6260

Monochromacy



Original Color

15.4906, 16.7921, 15.7894

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 15.4906, 16.7921, 15.7894 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(113, 115, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 115, 105) }
```

Border

The CSS property to change the border of an element to XYZ 15.4906, 16.7921, 15.7894 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, 105) }
```


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

```
.border{ border-color:rgb(113, 115, 105) }
```

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, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 115, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 115, 105);  
box-shadow:4px 4px 4px 4px rgb(113, 115,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4906, 16.7921, 15.7894 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, 105) }
```

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

```
.background{ background-color: rgb(113,  
115, 105) }
```

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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