

Converting Colors

XYZ(15.0227, 15.4760, 15.4298)

Have a look what the booklet for
XYZ(15.0227, 15.4760, 15.4298)
contains.

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Color

**XYZ(14.9826, 15.3899,
15.5455)**

Conversions

Conversions Part 1

Format	Color
Hex	736C69
RGB	115, 108, 105
RGB Percent	45%, 42%, 41%
CMY	0.5490, 0.5765, 0.5882
CMYK	0.00, 0.06, 0.09, 0.55
HSL	18°, 5%, 43%
HSV	18°, 9%, 45%
XYZ	14.9826, 15.3899, 15.5455
YIQ	109.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

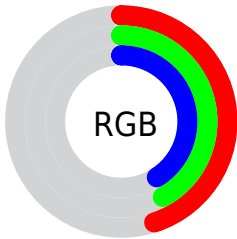
Format	Color
R_{YB}	115, 109, 105
Decimal	7564393
CIE Lab	46.16, 2.15, 2.65
CIE LCh	46, 3.411, 50.922
Yxy	15.3899, 0.3263, 0.3352
Android (android.graphics.Color)	4285754473 (0xFF736C69)
YUV	109.7510, -2.3422, 4.6034
Hunter-Lab	39.2300, -0.4802, 3.9664

Details

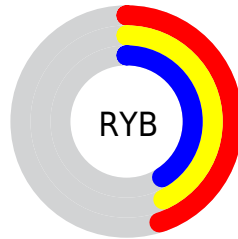
The XYZ color **14.9826, 15.3899, 15.5455** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7143, 15.8291, 18.4996**, and the grayscale version is **14.7555, 15.5240, 16.9056**.

A 20% lighter version of the original color is **34.3352, 35.4121, 36.4780**, and **4.7472, 4.8363, 4.6863** is the 20% darker color. If you saturate the color by 10%, you get **13.6213, 13.5499, 12.3701**, and if you desaturate by 10%, it is **16.5031, 17.4199, 19.1688**.

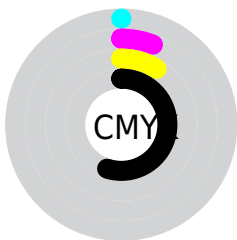
Distribution



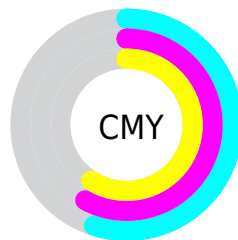
- Red (45%)
- Green (42%)
- Blue (41%)



- Red (45%)
- Yellow (43%)
- Blue (41%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9826, 15.3899, 15.5455 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 14.9826, 15.3899, 15.5455 by changing the saturation by 10% instead.

■ 14.9826, 15.3899,
15.5455

■ 14.9826, 15.3899,
15.5455

216.6513,
225.7142, 238.3981

■ 8.8934, 9.0935,
9.0523

■ 34.3946, 35.5357,
36.5631

■ 4.7283, 4.8022,
4.6780

■ 48.4480, 50.1540,
51.9245

■ 2.1218, 2.1317,
2.0042

■ 65.8870, 68.3149,
71.0791

■ 0.7010, 0.6824,
0.5579

■ 87.0768, 90.4029,
94.4454

■ 0.0000, 0.0000,
0.0000

112.3828,
116.8025, 122.4419

142.1703,

147.8980, 155.4871

176.8047,
184.0737, 193.9997

■ 14.9826, 15.3899,
15.5455

■ 14.9826, 15.3899,
15.5455

■ 13.6213, 13.5499,
12.3701

■ 16.5031, 17.4199,
19.1688

■ 12.4125, 11.8925,
9.6241

■ 18.1866, 19.6433,
23.2554

■ 11.3512, 10.4125,
7.2891

■ 20.0382, 22.0656,
27.8215

■ 10.4313, 9.1038,
5.3452

■ 22.0626, 24.6918,
32.8818

■ 9.6465, 7.9601,
3.7706

■ 24.2642, 27.5266,
38.4508

■ 8.9899, 6.9745,
2.5415

■ 26.6472, 30.5745,
44.5420

■ 8.4538, 6.1396,
1.6312

■ 29.2158, 33.8399,
51.1688

■ 8.0297, 5.4474,
1.0090

■ 31.9740, 37.3271,
58.3437

■ 7.6966, 4.8844,
0.5802

■ 34.9255, 41.0401,
66.0792

Harmonies

Analogous

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



15.1556, 15.3899, 16.1922



14.9826, 15.3899, 15.5455



14.7159, 15.3899, 15.2263

Triad

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



14.9826, 15.3899, 15.5455



14.0829, 15.3899, 16.5058



14.8280, 15.3899, 18.2962

Complementary

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



14.9826, 15.3899, 15.5455



14.7143, 15.8291, 18.4996

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.



14.5397, 15.3899, 18.3869



14.9826, 15.3899, 15.5455



14.1120, 15.3899, 17.3348

Square

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



14.9826, 15.3899, 15.5455



14.1983, 15.3899, 15.7686



14.2783, 15.3899, 18.0298



15.0656, 15.3899, 17.7858

Rectangle

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



14.9826, 15.3899, 15.5455



14.5220, 15.3899, 15.2347



14.2783, 15.3899, 18.0298



14.7337, 15.3899, 18.3774

Sweetspot

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



14.9830, 15.3906, 15.5458



28.3231, 29.5584, 31.3808



15.0466, 14.9181, 17.4158



6.7104, 6.9895, 7.3755



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.



14.9830, 15.3906, 15.5458



26.4291, 27.0208, 26.8940



15.5253, 16.4752, 15.7266



3.7653, 3.8636, 3.8896



8.7365, 5.4743, 0.5962



41.9064, 25.3412, 2.6826

Inverse Universe

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



14.7143, 15.8291, 18.4996



25.8669, 27.9382, 33.0738



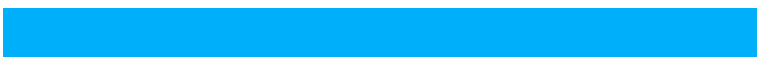
14.1781, 14.7567, 18.3209



3.6949, 3.9785, 4.6634



6.8378, 8.0153, 19.7293



32.5451, 37.5067, 95.8845

Previews

White Background



This preview shows how the XYZ color 14.9826, 15.3899, 15.5455 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 14.9826, 15.3899, 15.5455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

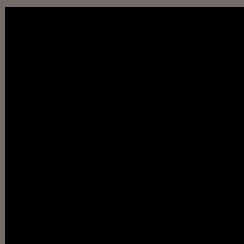
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9826, 15.3899, 15.5455

Background



This preview shows how black text looks on a background with the XYZ color 14.9826, 15.3899, 15.5455.



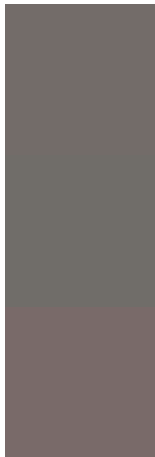
This preview shows how white text looks on a background with the XYZ color 14.9826, 15.3899,

15.5455.

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

14.9826, 15.3899, 15.5455

Protanopia

14.7005, 15.4019, 15.5627

Deuteranopia

15.5890, 15.3929, 15.5141



Tritanopia

15.4510, 15.2589, 18.3506

Trichromacy



Original Color

14.9826, 15.3899, 15.5455

Protanomaly

14.8285, 15.4679, 15.5687

Deuteranomaly

15.4152, 15.4572, 15.5357

Tritanomaly

15.3294, 15.3761, 17.1989

Monochromacy



Original Color

14.9826, 15.3899, 15.5455

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8575, 15.4647, 16.3893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9826, 15.3899, 15.5455 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, 108, 105)` looks like.

```
.text, #text, p{  
    color:rgb(115, 108, 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(115, 108, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 108, 105) }
```

Border

The CSS property to change the border of an element to XYZ 14.9826, 15.3899, 15.5455 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, 108, 105) }
```


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

```
.border{ border-color:rgb(115, 108, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 108, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 108, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 108, 105);  
box-shadow:4px 4px 4px 4px rgb(115, 108,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9826, 15.3899, 15.5455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 108, 105) }
```

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

```
.background{ background-color: rgb(115,  
108, 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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