

Converting Colors

XYZ(14.9692, 15.1682, 16.7580)

Have a look what the booklet for
XYZ(14.9692, 15.1682, 16.7580)
contains.

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Color

**XYZ(15.0116, 15.2186,
16.8981)**

Conversions

Conversions Part 1

Format	Color
Hex	726B6E
RGB	114, 107, 110
RGB Percent	45%, 42%, 43%
CMY	0.5529, 0.5804, 0.5686
CMYK	0.00, 0.06, 0.04, 0.55
HSL	334°, 3%, 43%
HSV	334°, 6%, 45%
XYZ	15.0116, 15.2186, 16.8981
YIQ	109.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

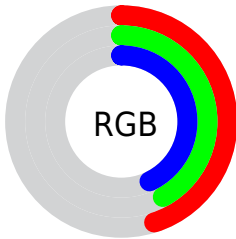
Format	Color
R_{YB}	114, 107, 110
Decimal	7498606
CIE _{Lab}	45.93, 3.32, -0.70
CIE _{LCh}	46, 3.395, 348.115
Yxy	15.2186, 0.3185, 0.3229
Android (android.graphics.Color)	4285688686 (0xFF726B6E)
YUV	109.4350, 0.2785, 4.0035
Hunter-Lab	39.0110, 0.4182, 1.6255

Details

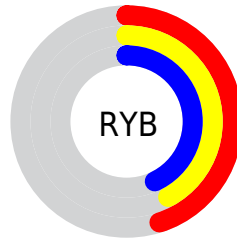
The XYZ color **15.0116, 15.2186, 16.8981** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9506, 16.3085, 17.3997**, and the grayscale version is **14.6584, 15.4218, 16.7944**.

A 20% lighter version of the original color is **34.4743, 35.1693, 39.1538**, and **4.7598, 4.7488, 5.3684** is the 20% darker color. If you saturate the color by 10%, you get **13.5588, 12.8599, 14.7273**, and if you desaturate by 10%, it is **16.6481, 17.9025, 19.2592**.

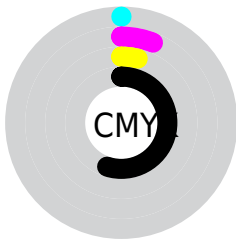
Distribution



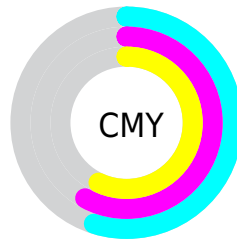
- Red (45%)
- Green (42%)
- Blue (43%)



- Red (45%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0116, 15.2186, 16.8981 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 15.0116, 15.2186, 16.8981 by changing the saturation by 10% instead.

■ 15.0116, 15.2186,
16.8981

■ 15.0116, 15.2186,
16.8981

216.8234,
224.6856, 246.6085

■ 8.9139, 8.9729,
10.0007

■ 34.4450, 35.2362,
38.9387

■ 4.7417, 4.7235,
5.2938

■ 48.5114, 49.7770,
54.9190

■ 2.1297, 2.0860,
2.3589

■ 65.9648, 67.8515,
74.7640

■ 0.7053, 0.6567,
0.7639

■ 87.1705, 89.8443,
98.8923

■ 0.0000, 0.0000,
0.0000

112.4938,
116.1397, 127.7223

142.3002,

147.1221, 161.6727

176.9549,
183.1760, 201.1619

■ 15.0116, 15.2186,
16.8981

■ 15.0116, 15.2186,
16.8981

■ 13.5588, 12.8599,
14.7273

■ 16.6481, 17.9025,
19.2592

■ 12.2818, 10.8121,
12.7410

■ 18.4732, 20.9213,
21.8145

■ 11.1739, 9.0626,
10.9342

■ 20.4935, 24.2868,
24.5688

■ 10.2275, 7.5972,
9.3014

■ 22.7146, 28.0097,
27.5266

■ 9.4346, 6.4006,
7.8370

■ 25.1420, 32.1001,
30.6922

■ 8.7862, 5.4562,
6.5348

■ 27.7809, 36.5678,
34.0696

■ 8.2725, 4.7452,
5.3881

■ 30.6365, 41.4221,
37.6629

■ 7.8823, 4.2464,
4.3897

■ 33.7135, 46.6721,
41.4760

■ 7.5926, 3.9152,
3.5284

■ 37.0169, 52.3265,
45.5127

Harmonies

Analogous

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



14.8796, 15.2186, 17.6482



15.0116, 15.2186, 16.8981



14.9957, 15.2186, 16.0839

Triad

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



15.0116, 15.2186, 16.8981



14.2939, 15.2186, 15.1133



14.0995, 15.2186, 17.7752

Complementary

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



15.0116, 15.2186, 16.8981



14.9506, 16.3085, 17.3997

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.



13.9466, 15.2186, 17.0668



15.0116, 15.2186, 16.8981



14.0578, 15.2186, 15.5375

Square

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



15.0116, 15.2186, 16.8981



14.5788, 15.2186, 15.0715



13.9315, 15.2186, 16.2471



14.3515, 15.2186, 18.1657

Rectangle

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



15.0116, 15.2186, 16.8981



14.9034, 15.2186, 15.6139



13.9315, 15.2186, 16.2471



14.0350, 15.2186, 17.5653

Sweetspot

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



15.0120, 15.2193, 16.8984



27.5158, 28.6015, 31.3499



14.8469, 15.1084, 18.0535



6.3742, 6.6322, 7.2657



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.0120, 15.2193, 16.8984



26.0994, 26.2863, 29.2823



14.9003, 15.2526, 16.0694



3.5022, 3.5271, 3.9292



8.3300, 4.2244, 3.5479



41.0808, 20.8776, 15.4894

Inverse Universe

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



15.0120, 15.2193, 16.8984



26.0994, 26.2863, 29.2823



15.0660, 16.2707, 18.2663



3.5022, 3.5271, 3.9292



8.3300, 4.2244, 3.5479



41.0808, 20.8776, 15.4894

Previews

White Background



This preview shows how the XYZ color 15.0116, 15.2186, 16.8981 looks on a white background.

Color Contrast Check

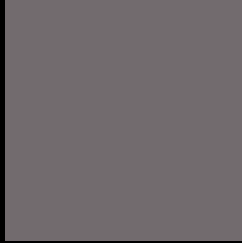
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0116, 15.2186, 16.8981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

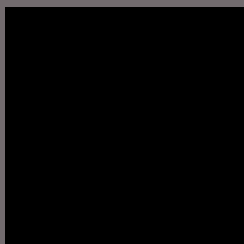
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

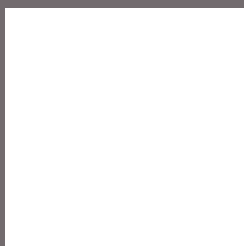
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0116, 15.2186, 16.8981

Background



This preview shows how black text looks on a background with the XYZ color 15.0116, 15.2186, 16.8981.



This preview shows how white text looks on a background with the XYZ color 15.0116, 15.2186,

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

15.0116, 15.2186, 16.8981

Protanopia

14.6622, 15.1878, 17.1977

Deuteranopia

15.4738, 15.1509, 16.8607



Tritanopia

15.3188, 15.1907, 18.3444

Trichromacy



Original Color

15.0116, 15.2186, 16.8981

Protanomaly

14.7873, 15.2523, 17.2035

Deuteranomaly

15.3046, 15.2158, 16.8821

Tritanomaly

15.2049, 15.1452, 17.7447

Monochromacy



Original Color

15.0116, 15.2186, 16.8981

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6784, 15.2088, 16.6299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0116, 15.2186, 16.8981 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(114, 107, 110)` looks like.

```
.text, #text, p{  
    color:rgb(114, 107, 110)  
}
```

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(114, 107, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 107, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.0116, 15.2186, 16.8981 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(114, 107, 110) }
```


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

```
.border{ border-color:rgb(114, 107, 110) }
```

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

Here you see how a box with a 4 pixel rgb(114, 107, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 107, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 107, 110);  
box-shadow:4px 4px 4px 4px rgb(114, 107,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0116, 15.2186, 16.8981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 107, 110) }
```

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

```
.background{ background-color: rgb(114,  
107, 110) }
```

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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