

Converting Colors

XYZ(15.0840, 15.0223, 17.4977)

Have a look what the booklet for
XYZ(15.0840, 15.0223, 17.4977)
contains.

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Color

**XYZ(15.1489, 15.1228,
17.4498)**

Conversions

Conversions Part 1

Format	Color
Hex	736A70
RGB	115, 106, 112
RGB Percent	45%, 42%, 44%
CMY	0.5490, 0.5843, 0.5608
CMYK	0.00, 0.08, 0.03, 0.55
HSL	320°, 4%, 43%
HSV	320°, 8%, 45%
XYZ	15.1489, 15.1228, 17.4498
YIQ	109.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

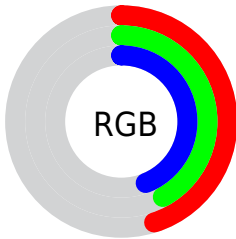
Format	Color
R _Y B	115, 106, 112
Decimal	7563888
CIE Lab	45.80, 4.70, -2.08
CIE LCh	46, 5.145, 336.141
Yxy	15.1228, 0.3174, 0.3169
Android (android.graphics.Color)	4285753968 (0xFF736A70)
YUV	109.3750, 1.2941, 4.9331
Hunter-Lab	38.8880, 1.4809, 0.6171

Details

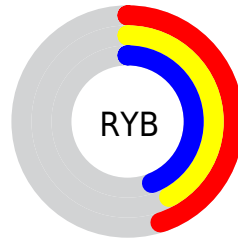
The XYZ color **15.1489, 15.1228, 17.4498** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8355, 16.4301, 16.8582**, and the grayscale version is **14.6385, 15.4009, 16.7715**.

A 20% lighter version of the original color is **34.6942, 35.0098, 40.0509**, and **4.8041, 4.6914, 5.5028** is the 20% darker color. If you saturate the color by 10%, you get **13.8335, 12.8263, 15.9805**, and if you desaturate by 10%, it is **16.6332, 17.7421, 19.0206**.

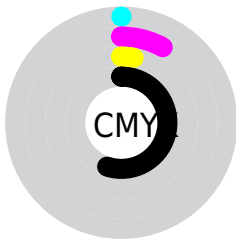
Distribution



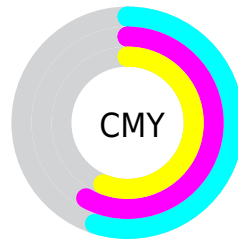
- Red (45%)
- Green (42%)
- Blue (44%)



- Red (45%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1489, 15.1228, 17.4498 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 15.1489, 15.1228, 17.4498 by changing the saturation by 10% instead.

■ 15.1489, 15.1228,
17.4498

■ 15.1489, 15.1228,
17.4498

217.6363,
224.1083, 249.8824

■ 9.0110, 8.9056,
10.3904

■ 34.6837, 35.0685,
39.8987

■ 4.8055, 4.6797,
5.5496

■ 48.8113, 49.5657,
56.1253

■ 2.1672, 2.0606,
2.5089

■ 66.3327, 67.5918,
76.2447

■ 0.7254, 0.6423,
0.8448

■ 87.6135, 89.5311,
100.6754

■ 0.0000, 0.0000,
0.0000

113.0188,
115.7680, 129.8360

142.9142,

146.6869, 164.1450

177.6649,
182.6722, 204.0209

■ 15.1489, 15.1228,
17.4498

■ 15.1489, 15.1228,
17.4498

■ 13.8335, 12.8263,
15.9805

■ 16.6332, 17.7421,
19.0206

■ 12.6794, 10.8381,
14.6091

■ 18.2911, 20.6943,
20.6945

■ 11.6801, 9.1454,
13.3331

■ 20.1288, 23.9912,
22.4743

■ 10.8284, 7.7337,
12.1494

■ 22.1519, 27.6436,
24.3624

■ 10.1162, 6.5874,
11.0548

■ 24.3654, 31.6617,
26.3609

■ 9.5350, 5.6894,
10.0459

■ 26.7745, 36.0556,
28.4720

■ 9.0749, 5.0203,
9.1188

■ 29.3840, 40.8346,
30.6979

■ 8.7249, 4.5580,
8.2691

■ 32.1985, 46.0080,
33.0407

■ 8.4545, 4.2420,
7.4861

■ 35.2225, 51.5845,
35.5022

Harmonies

Analogous

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



14.8705, 15.1228, 18.4683



15.1489, 15.1228, 17.4498



15.2178, 15.1228, 16.2123

Triad

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



15.1489, 15.1228, 17.4498



14.2849, 15.1228, 14.2069



13.7117, 15.1228, 17.9132

Complementary

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



15.1489, 15.1228, 17.4498



14.8355, 16.4301, 16.8582

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.



13.5616, 15.1228, 16.7226



15.1489, 15.1228, 17.4498



13.8882, 15.1228, 14.6143

Square

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



15.1489, 15.1228, 17.4498



14.7132, 15.1228, 14.3799



13.6255, 15.1228, 15.5202



14.0396, 15.1228, 18.7451

Rectangle

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



15.1489, 15.1228, 17.4498



15.1344, 15.1228, 15.4376



13.6255, 15.1228, 15.5202



13.6391, 15.1228, 17.5395

Sweetspot

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



15.1493, 15.1235, 17.4501



28.6236, 29.7159, 32.8483



14.5559, 14.7979, 18.3089



6.8386, 7.1068, 7.8470



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.



15.1493, 15.1235, 17.4501



26.7767, 26.4657, 30.8650



14.9050, 15.0257, 16.1637



3.7772, 3.7382, 4.3535



9.5903, 4.7698, 8.3166



46.3250, 23.0801, 38.3706

Inverse Universe

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



15.1493, 15.1235, 17.4501



26.7767, 26.4657, 30.8650



15.0840, 16.5295, 18.1666



3.7772, 3.7382, 4.3535



9.5903, 4.7698, 8.3166



46.3250, 23.0801, 38.3706

Previews

White Background



This preview shows how the XYZ color 15.1489, 15.1228, 17.4498 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 15.1489, 15.1228, 17.4498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

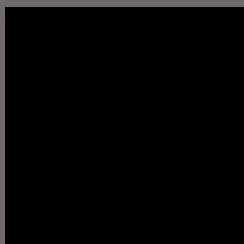
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1489, 15.1228, 17.4498

Background



This preview shows how black text looks on a background with the XYZ color 15.1489, 15.1228, 17.4498.



This preview shows how white text looks on a background with the XYZ color 15.1489, 15.1228,

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

15.1489, 15.1228, 17.4498

Protanopia

14.6499, 15.1686, 17.7785

Deuteranopia

15.3123, 15.0549, 17.4281



Tritanopia

15.2615, 15.1678, 18.0429

Trichromacy



Original Color

15.1489, 15.1228, 17.4498

Protanomaly

14.7939, 15.0872, 17.7552

Deuteranomaly

15.1787, 14.9860, 17.4218

Tritanomaly

15.2049, 15.1452, 17.7447

Monochromacy



Original Color

15.1489, 15.1228, 17.4498

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.7326, 15.2304, 16.9151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1489, 15.1228, 17.4498 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, 106, 112)` looks like.

```
.text, #text, p{  
    color:rgb(115, 106, 112)  
}
```

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, 106, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 106, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.1489, 15.1228, 17.4498 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, 106, 112) }
```


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

```
.border{ border-color:rgb(115, 106, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 106, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 106, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 106, 112);  
box-shadow:4px 4px 4px 4px rgb(115, 106,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1489, 15.1228, 17.4498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 106, 112) }
```

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

```
.background{ background-color: rgb(115,  
106, 112) }
```

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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