

Converting Colors

XYZ(15.3639, 15.0388, 19.8707)

Have a look what the booklet for
XYZ(15.3639, 15.0388, 19.8707)
contains.

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Color

**XYZ(15.3812, 15.0366,
19.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	726978
RGB	114, 105, 120
RGB Percent	45%, 41%, 47%
CMY	0.5529, 0.5882, 0.5294
CMYK	0.05, 0.12, 0.00, 0.53
HSL	276°, 7%, 44%
HSV	276°, 12%, 47%
XYZ	15.3812, 15.0366, 19.8610
YIQ	109.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

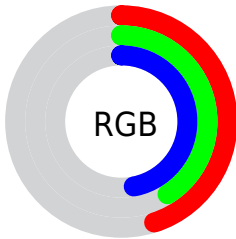
Format	Color
R_{YB}	114, 105, 120
Decimal	7498104
CIE Lab	45.68, 6.59, -7.07
CIE LCh	46, 9.668, 312.977
Yxy	15.0366, 0.3059, 0.2991
Android (android.graphics.Color)	4285688184 (0xFF726978)
YUV	109.4010, 5.2253, 4.0333
Hunter-Lab	38.7771, 2.9435, -3.2235

Details

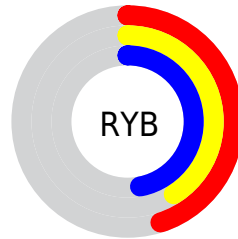
The XYZ color **15.3812, 15.0366, 19.8610** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8223, 17.8327, 15.9734**, and the grayscale version is **14.6356, 15.3978, 16.7682**.

A 20% lighter version of the original color is **35.0607, 34.8625, 43.9110**, and **4.9295, 4.6522, 6.7690** is the 20% darker color. If you saturate the color by 10%, you get **13.6362, 12.4492, 19.4538**, and if you desaturate by 10%, it is **17.3323, 17.9872, 20.3279**.

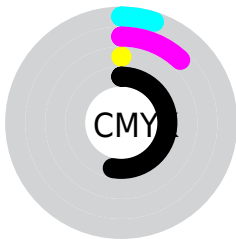
Distribution



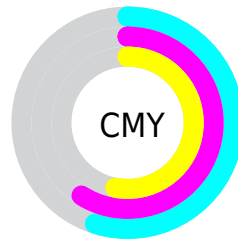
- Red (45%)
- Green (41%)
- Blue (47%)



- Red (45%)
- Yellow (41%)
- Blue (47%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3812, 15.0366, 19.8610 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 15.3812, 15.0366, 19.8610 by changing the saturation by 10% instead.

■ 15.3812, 15.0366,
19.8610

■ 15.3812, 15.0366,
19.8610

219.0050,
223.5876, 263.7409

■ 9.1754, 8.8451,
12.1110

■ 35.0867, 34.9174,
44.0399

■ 4.9138, 4.6403,
6.6958

■ 49.3172, 49.3754,
61.3059

■ 2.2310, 2.0378,
3.1971

■ 66.9533, 67.3577,
82.5809

■ 0.7590, 0.6293,
1.1961

■ 88.3603, 89.2488,
108.2836

■ 0.0000, 0.0000,
0.0000

113.9036,
115.4329, 138.8323

143.9486,

146.2945, 174.6458

178.8606,
182.2179, 216.1425

■ 15.3812, 15.0366,
19.8610

■ 15.3812, 15.0366,
19.8610

■ 13.6362, 12.4492,
19.4538

■ 17.3323, 17.9872,
20.3279

■ 12.0884, 10.2084,
19.1028

■ 19.4955, 21.3128,
20.8558

■ 10.7300, 8.2992,
18.8059

■ 21.8781, 25.0271,
21.4472

■ 9.5521, 6.7048,
18.5603

■ 24.4867, 29.1425,
22.1040

■ 8.5452, 5.4067,
18.3628

■ 27.3274, 33.6708,
22.8284

7.6987, 4.3846,
18.2101

30.4064, 38.6235,
23.6221

7.0006, 3.6154,
18.0984

33.7294, 44.0115,
24.4869

6.4367, 3.0717,
18.0232

37.3020, 49.8451,
25.4246

6.0627, 2.7338,
17.9777

41.1295, 56.1347,
26.4369

Harmonies

Analogous

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



14.6448, 15.0366, 21.1200



15.3812, 15.0366, 19.8610



15.8350, 15.0366, 17.7145

Triad

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



15.3812, 15.0366, 19.8610



14.7531, 15.0366, 12.4633



12.8258, 15.0366, 17.3956

Complementary

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



15.3812, 15.0366, 19.8610



15.8223, 17.8327, 15.9734

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.



12.8523, 15.0366, 15.0997



15.3812, 15.0366, 19.8610



13.9446, 15.0366, 12.3955

Square

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



15.3812, 15.0366, 19.8610



15.4631, 15.0366, 13.5132



13.2552, 15.0366, 13.3181



13.1813, 15.0366, 19.6086

Rectangle

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



15.3812, 15.0366, 19.8610



15.9060, 15.0366, 16.1415



13.2552, 15.0366, 13.3181



12.7908, 15.0366, 16.6053

Sweetspot

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



15.3816, 15.0372, 19.8613



29.9105, 30.7622, 35.6143



14.9282, 15.7834, 20.0293



7.0343, 7.2080, 8.4272



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.



15.3816, 15.0372, 19.8613



26.1361, 25.0775, 34.7160



16.1125, 15.4227, 19.5021



4.0067, 4.0013, 5.0043



6.5977, 2.9740, 19.6116



30.4916, 13.6810, 93.5034

Inverse Universe

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



15.6670, 15.2445, 17.1562



26.7530, 25.5242, 28.9313



15.1572, 17.4824, 16.2801



4.0586, 4.0391, 4.5060



9.0255, 4.5863, 3.4250



42.6562, 21.7188, 14.2513

Previews

White Background



This preview shows how the XYZ color 15.3812, 15.0366, 19.8610 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 15.3812, 15.0366, 19.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

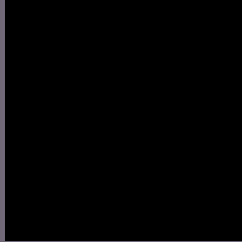
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.3812, 15.0366, 19.8610

Background



This preview shows how black text looks on a background with the XYZ color 15.3812, 15.0366, 19.8610.



This preview shows how white text looks on a background with the XYZ color 15.3812, 15.0366,

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

15.3812, 15.0366, 19.8610

Protanopia

14.7144, 14.9847, 20.5292

Deuteranopia

15.2518, 14.9699, 19.8549



Tritanopia

15.0013, 15.0337, 18.0307

Trichromacy



Original Color

15.3812, 15.0366, 19.8610

Protanomaly

14.9119, 14.9398, 20.1869

Deuteranomaly

15.2518, 14.9699, 19.8549

Tritanomaly

15.1165, 15.0797, 18.6370

Monochromacy



Original Color

15.3812, 15.0366, 19.8610

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.8987, 15.2969, 17.7901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3812, 15.0366, 19.8610 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, 105, 120)` looks like.

```
.text, #text, p{  
    color:rgb(114, 105, 120)  
}
```

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, 105, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 105, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.3812, 15.0366, 19.8610 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, 105, 120) }
```


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

```
.border{ border-color:rgb(114, 105, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 105, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 105, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 105, 120);  
box-shadow:4px 4px 4px 4px rgb(114, 105,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3812, 15.0366, 19.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 105, 120) }
```

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

```
.background{ background-color: rgb(114,  
105, 120) }
```

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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