

Converting Colors

XYZ(15.8666, 16.1834, 19.4293)

Have a look what the booklet for
XYZ(15.8666, 16.1834, 19.4293)
contains.

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Color

**XYZ(15.8939, 16.2543,
19.4392)**

Conversions

Conversions Part 1

Format	Color
Hex	726F76
RGB	114, 111, 118
RGB Percent	45%, 44%, 46%
CMY	0.5529, 0.5647, 0.5373
CMYK	0.03, 0.06, 0.00, 0.54
HSL	266°, 3%, 45%
HSV	266°, 6%, 46%
XYZ	15.8939, 16.2543, 19.4392
YIQ	112.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

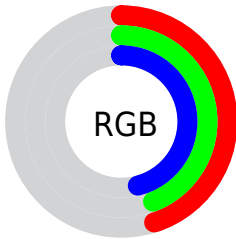
Format	Color
RYB	114, 111, 118
Decimal	7499638
CIELab	47.31, 2.59, -3.47
CIELCh	47, 4.330, 306.790
Yxy	16.2543, 0.3081, 0.3151
Android (android.graphics.Color)	4285689718 (0xFF726F76)
YUV	112.6950, 2.6154, 1.1445
Hunter-Lab	40.3166, -0.1846, -0.3658

Details

The XYZ color **15.8939, 16.2543, 19.4392** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4185, 17.7498, 17.6004**, and the grayscale version is **15.5987, 16.4111, 17.8717**.

A 20% lighter version of the original color is **36.0788, 37.2037, 43.3097**, and **5.1298, 5.1555, 6.5191** is the 20% darker color. If you saturate the color by 10%, you get **13.8455, 13.4119, 18.9988**, and if you desaturate by 10%, it is **18.1781, 19.4717, 19.9401**.

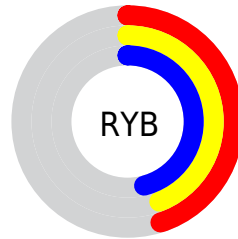
Distribution



Red (45%)

Green (44%)

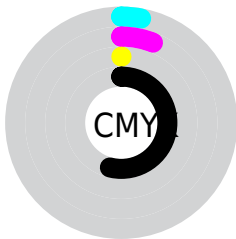
Blue (46%)



Red (45%)

Yellow (44%)

Blue (46%)

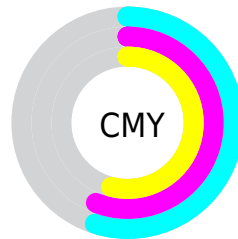


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8939, 16.2543, 19.4392 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 15.8939, 16.2543, 19.4392 by changing the saturation by 10% instead.

■ 15.8939, 16.2543,
19.4392

■ 15.8939, 16.2543,
19.4392

221.9975,
230.8376, 261.3658

■ 9.5395, 9.7043,
11.8080

■ 35.9728, 37.0391,
43.3215

■ 5.1546, 5.2033,
6.4922

■ 50.4281, 52.0427,
60.4097

■ 2.3740, 2.3671,
3.0730

■ 68.3143, 70.6329,
81.4873

■ 0.8321, 0.8089,
1.1320

■ 89.9969, 93.1942,
106.9729

■ 0.0000, 0.0000,
0.0000

115.8411,
120.1109, 137.2850

146.2124,

151.7675, 172.8422

181.4761,
188.5483, 214.0629

■ 15.8939, 16.2543,
19.4392

■ 15.8939, 16.2543,
19.4392

■ 13.8455, 13.4119,
18.9988

■ 18.1781, 19.4717,
19.9401

■ 12.0233, 10.9284,
18.6155

■ 20.7042, 23.0751,
20.5025

■ 10.4196, 8.7898,
18.2872

■ 23.4800, 27.0778,
21.1288

■ 9.0250, 6.9800,
18.0113

■ 26.5124, 31.4919,
21.8209

■ 7.8301, 5.4819,
17.7852

■ 29.8080, 36.3287,
22.5808

6.8241, 4.2768,
17.6056

33.3732, 41.5993,
23.4103

5.9953, 3.3437,
17.4692

37.2142, 47.3143,
24.3109

5.3307, 2.6588,
17.3720

41.3370, 53.4838,
25.2845

4.8063, 2.1774,
17.3067

45.7472, 60.1179,
26.3325

Harmonies

Analogous

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



15.5363, 16.2543, 19.8733



15.8939, 16.2543, 19.4392



16.1351, 16.2543, 18.5413

Triad

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



15.8939, 16.2543, 19.4392



15.7409, 16.2543, 15.8320



14.7303, 16.2543, 17.9484

Complementary

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



15.8939, 16.2543, 19.4392



16.4185, 17.7498, 17.6004

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.



14.7831, 16.2543, 16.8810



15.8939, 16.2543, 19.4392



15.3624, 16.2543, 15.6879

Square

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



15.8939, 16.2543, 19.4392



16.0457, 16.2543, 16.4664



15.0129, 16.2543, 16.0643



14.8677, 16.2543, 18.9899

Rectangle

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



15.8939, 16.2543, 19.4392



16.1953, 16.2543, 17.8164



15.0129, 16.2543, 16.0643



14.7265, 16.2543, 17.5805

Sweetspot

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



15.8944, 16.2550, 19.4396



29.4557, 30.6968, 34.5096



15.9664, 16.9686, 19.5735



6.7868, 7.0781, 7.9375



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.



15.8944, 16.2550, 19.4396



27.4769, 27.9242, 34.0787



16.3472, 16.4884, 19.4607



3.7267, 3.7864, 4.6247



4.9768, 2.1569, 18.6966



23.3115, 10.0260, 91.0669

Inverse Universe

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



16.2507, 16.4590, 18.5408



28.2310, 28.3559, 32.1733



15.9774, 17.5224, 17.5798



3.8297, 3.8454, 4.3643



9.1869, 4.6085, 6.1926



44.3335, 22.2835, 27.8835

Previews

White Background



This preview shows how the XYZ color 15.8939, 16.2543, 19.4392 looks on a white background.

Color Contrast Check

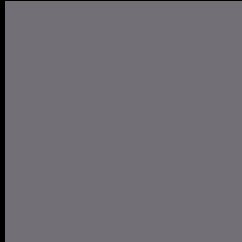
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8939, 16.2543, 19.4392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

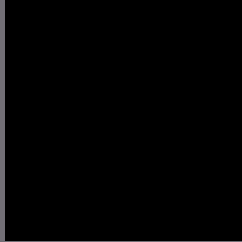
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8939, 16.2543, 19.4392

Background



This preview shows how black text looks on a background with the XYZ color 15.8939, 16.2543, 19.4392.



This preview shows how white text looks on a background with the XYZ color 15.8939, 16.2543,

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

15.8939, 16.2543, 19.4392

Protanopia

15.6365, 16.1216, 19.4272

Deuteranopia

16.4844, 16.2384, 19.4050



Tritanopia

16.0140, 16.3024, 20.0719

Trichromacy



Original Color

15.8939, 16.2543, 19.4392

Protanomaly

15.7645, 16.1876, 19.4332

Deuteranomaly

16.3172, 16.3114, 19.4280

Tritanomaly

15.9536, 16.2782, 19.7539

Monochromacy



Original Color

15.8939, 16.2543, 19.4392

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6987, 16.3369, 18.5456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8939, 16.2543, 19.4392 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, 111, 118)` looks like.

```
.text, #text, p{  
    color:rgb(114, 111, 118)  
}
```

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, 111, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 111, 118) }
```

Border

The CSS property to change the border of an element to XYZ 15.8939, 16.2543, 19.4392 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, 111, 118) }
```


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

```
.border{ border-color:rgb(114, 111, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 111, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 111, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 111, 118);  
box-shadow:4px 4px 4px 4px rgb(114, 111,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8939, 16.2543, 19.4392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 111, 118) }
```

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

```
.background{ background-color: rgb(114,  
111, 118) }
```

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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