

Converting Colors

XYZ(16.5864, 15.4181, 23.9316)

Have a look what the booklet for
XYZ(16.5864, 15.4181, 23.9316)
contains.

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Color

**XYZ(16.5864, 15.4181,
23.9316)**

Conversions

Conversions Part 1

Format	Color
Hex	766884
RGB	118, 104, 132
RGB Percent	46%, 41%, 52%
CMY	0.5372, 0.5921, 0.4824
CMYK	0.11, 0.21, 0.00, 0.48
HSL	270°, 12%, 46%
HSV	270°, 21%, 52%
XYZ	16.5864, 15.4181, 23.9316
YIQ	111.3780, -0.6440, 11.6760

Conversions

Conversions Part 2

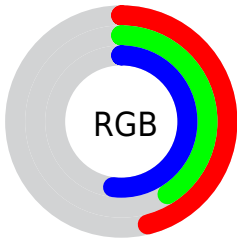
Format	Color
R_{YB}	118, 104, 132
Decimal	7760004
CIE _{Lab}	46.20, 11.30, -13.45
CIE _{LCh}	46, 17.569, 310.025
Yxy	15.4181, 0.2965, 0.2756
Android (android.graphics.Color)	4285950084 (0xFF766884)
YUV	111.3780, 10.1666, 5.8075
Hunter-Lab	39.2659, 6.6853, -8.6497

Details

The XYZ color **16.5864, 15.4181, 23.9316** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.2216, 21.3539, 16.2587**, and the grayscale version is **15.1911, 15.9823, 17.4047**.

A 20% lighter version of the original color is **37.0559, 35.4915, 50.7964**, and **5.4404, 4.8007, 8.6225** is the 20% darker color. If you saturate the color by 10%, you get **14.4953, 12.5200, 23.4827**, and if you desaturate by 10%, it is **18.9492, 18.7658, 24.4535**.

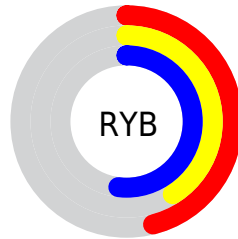
Distribution



Red (46%)

Green (41%)

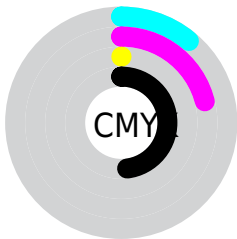
Blue (52%)



Red (46%)

Yellow (41%)

Blue (52%)

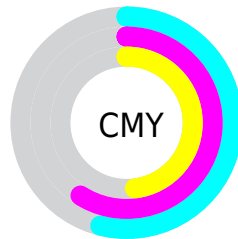


Cyan (11%)

Magenta (21%)

Yellow (0%)

Black (48%)



Cyan (54%)

Magenta (59%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5864, 15.4181, 23.9316 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 16.5864, 15.4181, 23.9316 by changing the saturation by 10% instead.

■ 16.5864, 15.4181,
23.9316

■ 16.5864, 15.4181,
23.9316

225.9805,
225.8831, 285.7499

■ 10.0335, 9.1133,
15.0712

■ 37.1626, 35.5850,
50.8610

■ 5.4836, 4.8152,
8.7222

■ 51.9165, 50.2159,
69.7670

■ 2.5714, 2.1392,
4.4661

■ 70.1349, 68.3910,
92.8587

■ 0.9314, 0.6866,
1.8844

■ 92.1831, 90.4947,
120.5544

■ 0.0000, 0.0000,
0.4828

118.4264,
116.9114, 153.2729

■ 0.0000, 0.0000,
0.0000

149.2301,

148.0254, 191.4326

184.9597,
184.2212, 235.4521

■ 16.5864, 15.4181,
23.9316

■ 16.5864, 15.4181,
23.9316

■ 14.4953, 12.5200,
23.4827

■ 18.9492, 18.7658,
24.4535

■ 12.6635, 10.0496,
23.1024

■ 21.5925, 22.5800,
25.0504

■ 11.0798, 7.9862,
22.7876

■ 24.5266, 26.8787,
25.7255

■ 9.7315, 6.3061,
22.5343

■ 27.7605, 31.6788,
26.4815

■ 8.6045, 4.9837,
22.3385

■ 31.3030, 36.9960,
27.3211

7.6831, 3.9895,
22.1951

35.1627, 42.8455,
28.2468

6.9492, 3.2894,
22.0987

39.3475, 49.2419,
29.2609

6.4116, 2.8242,
22.0372

43.8652, 56.1992,
30.3656

48.7233, 63.7306,
31.5633

Harmonies

Analogous

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



15.1617, 15.4181, 26.2937



16.5864, 15.4181, 23.9316



17.5322, 15.4181, 19.7669

Triad

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



16.5864, 15.4181, 23.9316



15.6608, 15.4181, 10.1660



11.9966, 15.4181, 18.2653

Complementary

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



16.5864, 15.4181, 23.9316



18.2216, 21.3539, 16.2587

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.



12.1102, 15.4181, 14.1239



16.5864, 15.4181, 23.9316



14.1586, 15.4181, 9.9031

Square

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



16.5864, 15.4181, 23.9316



16.9731, 15.4181, 12.0209



12.8786, 15.4181, 11.2290



12.5572, 15.4181, 22.6726

Rectangle

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



16.5864, 15.4181, 23.9316



17.7283, 15.4181, 16.7841



12.8786, 15.4181, 11.2290



11.9582, 15.4181, 16.7913

Sweetspot

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



16.5869, 15.4187, 23.9319



35.6795, 36.3616, 43.5911



16.4078, 17.6766, 24.3772



8.2494, 8.3828, 10.1359



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.5869, 15.4187, 23.9319



27.5582, 24.8449, 41.7962



18.5585, 16.4351, 24.0242



4.6398, 4.6504, 5.8538



6.2142, 2.7377, 21.3376



0.0299, 0.0138, 0.0743

Inverse Universe

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



17.7365, 16.1148, 19.3158



29.9634, 26.3011, 32.1384



16.5137, 20.4735, 16.1788



4.7624, 4.7247, 5.3614



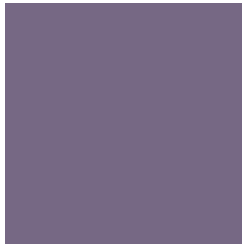
10.1685, 5.1317, 5.4596



0.0389, 0.0192, 0.0383

Previews

White Background



This preview shows how the XYZ color 16.5864, 15.4181, 23.9316 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 16.5864, 15.4181, 23.9316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

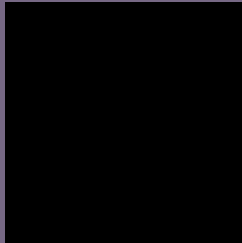
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5864, 15.4181, 23.9316

Background



This preview shows how black text looks on a background with the XYZ color 16.5864, 15.4181, 23.9316.



This preview shows how white text looks on a background with the XYZ color 16.5864, 15.4181,

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

16.5864, 15.4181, 23.9316

Protanopia

15.3293, 15.3580, 25.0781

Deuteranopia

15.6611, 15.4053, 23.6208



Tritanopia

15.4224, 15.3980, 18.3789

Trichromacy



Original Color

16.5864, 15.4181, 23.9316

Protanomaly

15.7451, 15.4248, 24.7017

Deuteranomaly

15.9329, 15.3915, 23.6038

Tritanomaly

15.8077, 15.4015, 20.2288

Monochromacy



Original Color

16.5864, 15.4181, 23.9316

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.6318, 15.6344, 19.6466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5864, 15.4181, 23.9316 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(118, 104, 132)` looks like.

```
.text, #text, p{  
    color:rgb(118, 104, 132)  
}
```

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(118, 104, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 104, 132) }
```

Border

The CSS property to change the border of an element to XYZ 16.5864, 15.4181, 23.9316 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(118, 104, 132) }
```


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

```
.border{ border-color:rgb(118, 104, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 104, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 104, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 104, 132);  
box-shadow:4px 4px 4px 4px rgb(118, 104,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5864, 15.4181, 23.9316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 104, 132) }
```

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

```
.background{ background-color: rgb(118,  
104, 132) }
```

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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