

Converting Colors

XYZ(15.8445, 18.0020, 22.8896)

Have a look what the booklet for
XYZ(15.8445, 18.0020, 22.8896)
contains.

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Color

**XYZ(15.8928, 18.0743,
23.0731)**

Conversions

Conversions Part 1

Format	Color
Hex	627A80
RGB	98, 122, 128
RGB Percent	38%, 48%, 50%
CMY	0.6157, 0.5216, 0.4980
CMYK	0.23, 0.05, 0.00, 0.50
HSL	192°, 13%, 44%
HSV	192°, 23%, 50%
XYZ	15.8928, 18.0743, 23.0731
YIQ	115.5080, -16.2300, -3.2220

Conversions

Conversions Part 2

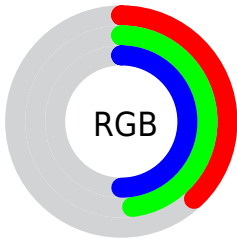
Format	Color
R _Y B	98, 111, 128
Decimal	6453888
CIE Lab	49.59, -7.24, -6.16
CIE LCh	50, 9.504, 220.384
Yxy	18.0743, 0.2786, 0.3169
Android (android.graphics.Color)	4284643968 (0xFF627A80)
YUV	115.5080, 6.1586, -15.3545
Hunter-Lab	42.5139, -7.6713, -2.4181

Details

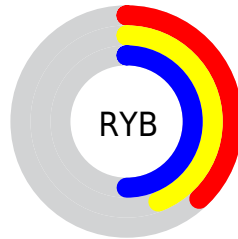
The XYZ color **15.8928, 18.0743, 23.0731** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0571, 15.3715, 13.6762**, and the grayscale version is **16.4359, 17.2918, 18.8308**.

A 20% lighter version of the original color is **35.8710, 39.9979, 49.5458**, and **5.1092, 6.0077, 8.2875** is the 20% darker color. If you saturate the color by 10%, you get **14.3107, 16.7988, 22.9106**, and if you desaturate by 10%, it is **17.7052, 19.4817, 23.2495**.

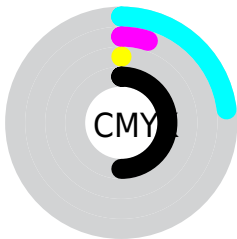
Distribution



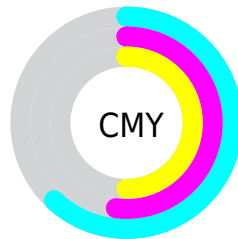
- Red (38%)
- Green (48%)
- Blue (50%)



- Red (38%)
- Yellow (44%)
- Blue (50%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)



- Cyan (62%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8928, 18.0743, 23.0731 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 15.8928, 18.0743, 23.0731 by changing the saturation by 10% instead.

■ 15.8928, 18.0743,
23.0731

■ 15.8928, 18.0743,
23.0731

221.9912,
241.2895, 281.2343

■ 9.5387, 11.0033,
14.4417

■ 35.9710, 40.1639,
49.4380

■ 5.1541, 6.0691,
8.2863

■ 50.4257, 55.9513,
68.0087

■ 2.3736, 2.8871,
4.1883

■ 68.3114, 75.4130,
90.7294

■ 0.8319, 1.0731,
1.7292

■ 89.9934, 98.9334,
118.0189

■ 0.0000, 0.0000,
0.3806

115.8370,
126.8968, 150.2955

■ 0.0000, 0.0000,
0.0000

146.2076,

159.6877, 187.9780

181.4705,
197.6905, 231.4847

■ 15.8928, 18.0743,
23.0731

■ 15.8928, 18.0743,
23.0731

■ 14.3107, 16.7988,
22.9106

■ 17.7052, 19.4817,
23.2495

■ 12.9467, 15.6474,
22.7602

■ 19.7560, 21.0240,
23.4391

■ 11.7899, 14.6150,
22.6219

■ 22.0551, 22.7068,
23.6428

■ 10.8279, 13.6950,
22.4951

■ 24.6113, 24.5346,
23.8608

■ 10.0468, 12.8802,
22.3789

■ 27.4328, 26.5119,
24.0938

■ 9.4309, 12.1623,
22.2728

■ 30.5276, 28.6427,
24.3420

■ 8.9608, 11.5313,
22.1758

■ 33.9033, 30.9313,
24.6058

■ 8.6880, 11.1419,
22.1150

■ 37.5672, 33.3812,
24.8856

■ 41.5262, 35.9964,
25.1817

Harmonies

Analogous

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



15.5306, 18.0743, 20.5878



15.8928, 18.0743, 23.0731



16.6039, 18.0743, 24.7338

Triad

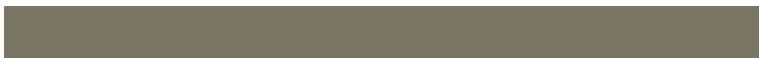
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.8928, 18.0743, 23.0731



18.8634, 18.0743, 21.3932



16.8687, 18.0743, 15.1913

Complementary

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



15.8928, 18.0743, 23.0731



16.0571, 15.3715, 13.6762

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.



17.7673, 18.0743, 15.3660



15.8928, 18.0743, 23.0731



18.9403, 18.0743, 18.7989

Square

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



15.8928, 18.0743, 23.0731



18.3263, 18.0743, 23.7068



18.5330, 18.0743, 16.6367



16.0808, 18.0743, 16.1369

Rectangle

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



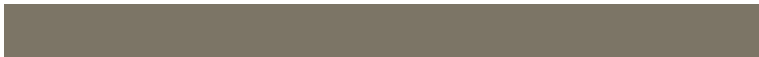
15.8928, 18.0743, 23.0731



17.1907, 18.0743, 25.0706



18.5330, 18.0743, 16.6367



17.1675, 18.0743, 15.1232

Sweetspot

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



15.8933, 18.0750, 23.0735



33.3883, 35.9760, 41.1406



15.2298, 19.0246, 15.8336



7.7788, 8.3942, 9.6286



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.8933, 18.0750, 23.0735



26.4822, 30.6254, 40.4718



14.2435, 14.7754, 22.5236



4.3757, 4.7454, 5.4986



8.6157, 11.0498, 21.9287



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.7830, 14.7300, 20.3719



28.3516, 23.7710, 34.7560



17.6444, 18.5463, 14.2054



4.4625, 4.3981, 5.2399



11.2258, 5.5100, 13.0445



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8928, 18.0743, 23.0731 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 15.8928, 18.0743, 23.0731 looks on a black 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

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

XYZ 15.8928, 18.0743, 23.0731

Background



This preview shows how black text looks on a background with the XYZ color 15.8928, 18.0743, 23.0731.



This preview shows how white text looks on a background with the XYZ color 15.8928, 18.0743,

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

15.8928, 18.0743, 23.0731

Protanopia

17.5342, 18.0548, 21.9628

Deuteranopia

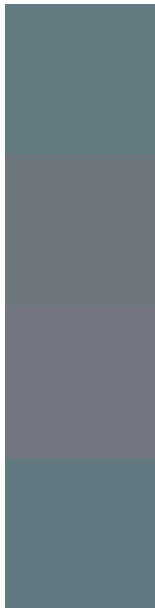
18.3588, 17.9314, 23.6126



Tritanopia

16.0797, 17.9661, 24.0930

Trichromacy



Original Color

15.8928, 18.0743, 23.0731

Protanomaly

16.9183, 18.0795, 22.3367

Deuteranomaly

17.3940, 17.9524, 23.3173

Tritanomaly

16.0122, 17.9391, 23.7378

Monochromacy



Original Color

15.8928, 18.0743, 23.0731

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.1753, 17.5641, 20.3070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8928, 18.0743, 23.0731 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(98, 122, 128) looks like.

```
.text, #text, p{  
    color:rgb(98, 122, 128)  
}
```

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(98, 122, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 122, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.8928, 18.0743, 23.0731 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(98, 122, 128) }
```


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

```
.border{ border-color:rgb(98, 122, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 122, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 122, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 122, 128);  
box-shadow:4px 4px 4px 4px rgb(98, 122,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8928, 18.0743, 23.0731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 122, 128) }
```

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

```
.background{ background-color: rgb(98, 122,  
128) }
```

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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