

Converting Colors

XYZ(15.9392, 17.6231, 28.4210)

Have a look what the booklet for
XYZ(15.9392, 17.6231, 28.4210)
contains.

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Color

**XYZ(15.9888, 17.6403,
28.5488)**

Conversions

Conversions Part 1

Format	Color
Hex	5B788F
RGB	91, 120, 143
RGB Percent	36%, 47%, 56%
CMY	0.6431, 0.5294, 0.4392
CMYK	0.36, 0.16, 0.00, 0.44
HSL	207°, 22%, 46%
HSV	207°, 36%, 56%
XYZ	15.9888, 17.6403, 28.5488
YIQ	113.9510, -24.6670, 1.0050

Conversions

Conversions Part 2

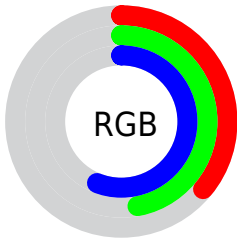
Format	Color
R _Y B	91, 110, 143
Decimal	5994639
CIE Lab	49.06, -4.40, -15.84
CIE LCh	49, 16.443, 254.461
Yxy	17.6403, 0.2571, 0.2837
Android (android.graphics.Color)	4284184719 (0xFF5B788F)
YUV	113.9510, 14.3212, -20.1280
Hunter-Lab	42.0004, -5.5488, -10.9008

Details

The XYZ color **15.9888, 17.6403, 28.5488** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.2336, 18.6298, 12.4803**, and the grayscale version is **15.9437, 16.7741, 18.2670**.

A 20% lighter version of the original color is **36.1583, 39.3759, 58.5179**, and **5.2480, 5.9173, 11.2215** is the 20% darker color. If you saturate the color by 10%, you get **13.9756, 15.5107, 28.2442**, and if you desaturate by 10%, it is **18.3220, 20.0103, 28.8836**.

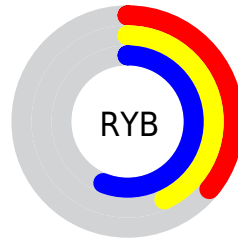
Distribution



Red (36%)

Green (47%)

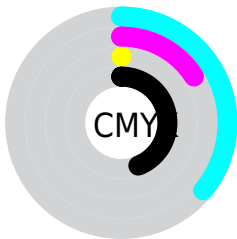
Blue (56%)



Red (36%)

Yellow (43%)

Blue (56%)

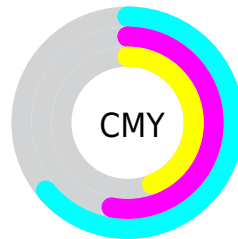


Cyan (36%)

Magenta (16%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9888, 17.6403, 28.5488 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 15.9888, 17.6403, 28.5488 by changing the saturation by 10% instead.

■ 15.9888, 17.6403,
28.5488

■ 15.9888, 17.6403,
28.5488

222.5473,
238.8357, 309.0741

■ 9.6070, 10.6921,
18.4971

■ 36.1364, 39.4234,
58.3930

■ 5.1994, 5.8602,
11.1344

■ 50.6329, 55.0271,
79.0227

■ 2.4007, 2.7602,
6.0420

■ 68.5650, 74.2848,
104.0154

■ 0.8455, 1.0079,
2.8014

■ 90.2981, 97.5807,
133.7898

■ 0.0000, 0.0000,
0.9942

116.1975,
125.2994, 168.7643

■ 0.0000, 0.0000,
0.0000

146.6286,

157.8252, 209.3575

181.9568,
195.5425, 255.9879

■ 15.9888, 17.6403,
28.5488

■ 15.9888, 17.6403,
28.5488

■ 13.9756, 15.5107,
28.2442

■ 18.3220, 20.0103,
28.8836

■ 12.2645, 13.6095,
27.9674

■ 20.9886, 22.6278,
29.2483

■ 10.8381, 11.9269,
27.7178

■ 24.0032, 25.5020,
29.6442

■ 9.6767, 10.4510,
27.4941

■ 27.3789, 28.6411,
30.0721

■ 8.7573, 9.1685,
27.2950

■ 31.1283, 32.0527,
30.5330

■ 8.0445, 8.0595,
27.1185

■ 35.2630, 35.7442,
31.0276

■ 7.8086, 7.6844,
27.0586

■ 39.7946, 39.7226,
31.5567

■ 44.7337, 43.9948,
32.1210

■ 50.0907, 48.5673,
32.7212

Harmonies

Analogous

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



14.7484, 17.6403, 25.7519



15.9888, 17.6403, 28.5488



17.5139, 17.6403, 28.6024

Triad

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



15.9888, 17.6403, 28.5488



19.7877, 17.6403, 17.1742



14.7844, 17.6403, 13.7873

Complementary

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



15.9888, 17.6403, 28.5488



19.2336, 18.6298, 12.4803

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.



16.0408, 17.6403, 12.1342



15.9888, 17.6403, 28.5488



18.9610, 17.6403, 13.8776

Square

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



15.9888, 17.6403, 28.5488



19.7717, 17.6403, 21.5602



17.5692, 17.6403, 12.1645



14.0825, 17.6403, 17.0321

Rectangle

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



15.9888, 17.6403, 28.5488



18.4915, 17.6403, 27.0474



17.5692, 17.6403, 12.1645



15.1524, 17.6403, 13.0507

Sweetspot

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



15.9894, 17.6410, 28.5492



40.2770, 43.1045, 52.7352



17.1480, 23.0737, 19.3310



9.0893, 9.7444, 12.0740



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.9894, 17.6410, 28.5492



25.5104, 28.2977, 50.6555



13.3171, 12.2965, 27.6585



5.3633, 5.7224, 6.8506



6.9253, 6.8366, 23.9317



0.0882, 0.1094, 0.2361

Inverse Universe

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



18.4594, 14.6784, 19.6304



30.7600, 22.6073, 31.5645



22.5264, 25.2154, 13.5778



5.5269, 5.4713, 6.2724



11.2987, 5.6765, 7.2242



0.1191, 0.0587, 0.1276

Previews

White Background



This preview shows how the XYZ color 15.9888, 17.6403, 28.5488 looks on a white background.

Color Contrast Check

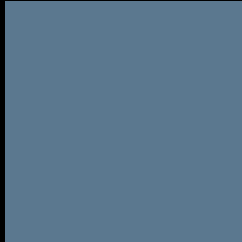
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9888, 17.6403, 28.5488 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

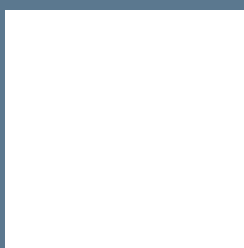
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9888, 17.6403, 28.5488

Background



This preview shows how black text looks on a background with the XYZ color 15.9888, 17.6403, 28.5488.



This preview shows how white text looks on a background with the XYZ color 15.9888, 17.6403,

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

15.9888, 17.6403, 28.5488

Protanopia

17.4199, 17.5344, 27.2773

Deuteranopia

17.8614, 17.5590, 28.8334



Tritanopia

15.1489, 17.6597, 24.4400

Trichromacy



Original Color

15.9888, 17.6403, 28.5488

Protanomaly

16.8779, 17.5887, 27.7047

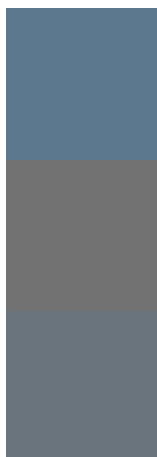
Deuteranomaly

17.1051, 17.5077, 28.8633

Tritanomaly

15.4011, 17.5762, 25.8734

Monochromacy



Original Color

15.9888, 17.6403, 28.5488

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8909, 17.0356, 21.8527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9888, 17.6403, 28.5488 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(91, 120, 143) looks like.

```
.text, #text, p{  
    color:rgb(91, 120, 143)  
}
```

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(91, 120, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 120, 143) }
```

Border

The CSS property to change the border of an element to XYZ 15.9888, 17.6403, 28.5488 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(91, 120, 143) }
```


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

```
.border{ border-color:rgb(91, 120, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 120, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 120, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 120, 143);  
box-shadow:4px 4px 4px 4px rgb(91, 120,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9888, 17.6403, 28.5488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 120, 143) }
```

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

```
.background{ background-color: rgb(91, 120,  
143) }
```

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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