

Converting Colors

XYZ(16.0028, 16.5270, 28.8659)

Have a look what the booklet for
XYZ(16.0028, 16.5270, 28.8659)
contains.

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Color

**XYZ(15.9811, 16.5896,
28.7454)**

Conversions

Conversions Part 1

Format	Color
Hex	617290
RGB	97, 114, 144
RGB Percent	38%, 45%, 56%
CMY	0.6196, 0.5529, 0.4353
CMYK	0.33, 0.21, 0.00, 0.44
HSL	218°, 20%, 47%
HSV	218°, 33%, 56%
XYZ	15.9811, 16.5896, 28.7454
YIQ	112.3370, -19.7620, 5.7260

Conversions

Conversions Part 2

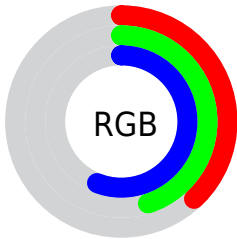
Format	Color
R _Y B	97, 109, 144
Decimal	6386320
CIE Lab	47.74, 1.23, -18.41
CIE LCh	48, 18.449, 273.831
Yxy	16.5896, 0.2606, 0.2706
Android (android.graphics.Color)	4284576400 (0xFF617290)
YUV	112.3370, 15.6099, -13.4505
Hunter-Lab	40.7303, -1.2412, -13.3326

Details

The XYZ color **15.9811, 16.5896, 28.7454** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.2490, 21.9714, 14.4307**, and the grayscale version is **15.4602, 16.2653, 17.7129**.

A 20% lighter version of the original color is **36.2237, 37.7392, 58.8013**, and **5.1875, 5.3330, 11.3456** is the 20% darker color. If you saturate the color by 10%, you get **13.5987, 13.8992, 28.3520**, and if you desaturate by 10%, it is **18.7473, 19.6333, 29.1874**.

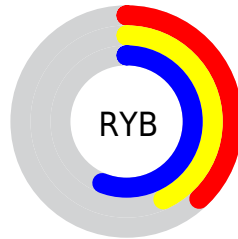
Distribution



Red (38%)

Green (45%)

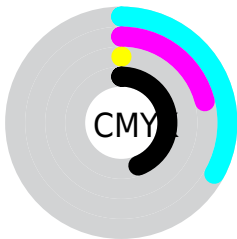
Blue (56%)



Red (38%)

Yellow (43%)

Blue (56%)

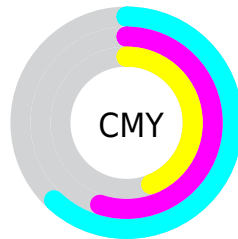


Cyan (33%)

Magenta (21%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9811, 16.5896, 28.7454 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 15.9811, 16.5896, 28.7454 by changing the saturation by 10% instead.

■ 15.9811, 16.5896,
28.7454

■ 15.9811, 16.5896,
28.7454

222.5027,
232.7961, 310.0350

■ 9.6015, 9.9423,
18.6444

■ 36.1231, 37.6188,
58.7097

■ 5.1958, 5.3607,
11.2394

■ 50.6163, 52.7695,
79.4100

■ 2.3985, 2.4604,
6.1119

■ 68.5447, 71.5235,
104.4806

■ 0.8444, 0.8567,
2.8434

■ 90.2737, 94.2651,
134.3398

■ 0.0000, 0.0000,
1.0152

116.1686,
121.3788, 169.4064

■ 0.0000, 0.0000,
0.0000

146.5949,

153.2489, 210.0987

181.9178,
190.2599, 256.8354

■ 15.9811, 16.5896,
28.7454

■ 15.9811, 16.5896,
28.7454

■ 13.5987, 13.8992,
28.3520

■ 18.7473, 19.6333,
29.1874

■ 11.5803, 11.5463,
28.0042

■ 21.9127, 23.0413,
29.6784

■ 9.9069, 9.5166,
27.7006

■ 25.4935, 26.8268,
30.2203

■ 8.5566, 7.7938,
27.4392

■ 29.5047, 31.0014,
30.8147

■ 7.5049, 6.3601,
27.2179

■ 33.9605, 35.5763,
31.4629

■ 6.7234, 5.1950,
27.0343

■ 38.8744, 40.5622,
32.1663

■ 6.2660, 4.4774,
26.9198

■ 44.2593, 45.9695,
32.9262

■ 50.1276, 51.8081,
33.7438

■ 56.4912, 58.0875,
34.6205

Harmonies

Analogous

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



14.4081, 16.5896, 27.5199



15.9811, 16.5896, 28.7454



17.6033, 16.5896, 26.7230

Triad

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



15.9811, 16.5896, 28.7454



18.5565, 16.5896, 13.4571



13.0854, 16.5896, 14.3409

Complementary

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



15.9811, 16.5896, 28.7454



21.2490, 21.9714, 14.4307

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.



14.0647, 16.5896, 11.5112



15.9811, 16.5896, 28.7454



17.2107, 16.5896, 11.0669

Square

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



15.9811, 16.5896, 28.7454



19.1544, 16.5896, 17.4622



15.5566, 16.5896, 10.4219



12.8061, 16.5896, 18.6779

Rectangle

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



15.9811, 16.5896, 28.7454



18.4737, 16.5896, 23.9816



15.5566, 16.5896, 10.4219



13.3401, 16.5896, 13.2087

Sweetspot

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



15.9816, 16.5903, 28.7458



40.1164, 42.2013, 52.5693



18.7190, 24.0145, 23.6481



9.0241, 9.4911, 12.0286



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.



15.9816, 16.5903, 28.7458



25.1107, 25.8001, 50.1945



14.9334, 13.4629, 28.1974



5.2793, 5.5544, 6.8226



5.4773, 3.9406, 23.4490



0.0719, 0.0768, 0.2307

Inverse Universe

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



18.8140, 15.6941, 17.9579



30.9727, 24.2795, 27.7921



22.5685, 26.1905, 15.1755



5.4845, 5.4543, 6.0492



10.5678, 5.3841, 3.3754



0.1109, 0.0554, 0.0843

Previews

White Background



This preview shows how the XYZ color 15.9811, 16.5896, 28.7454 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 15.9811, 16.5896, 28.7454 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

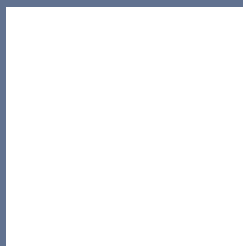
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9811, 16.5896, 28.7454

Background



This preview shows how black text looks on a background with the XYZ color 15.9811, 16.5896, 28.7454.



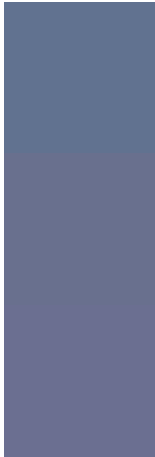
This preview shows how white text looks on a background with the XYZ color 15.9811, 16.5896,

28.7454.

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

15.9811, 16.5896, 28.7454

Protanopia

16.5024, 16.5446, 27.9148

Deuteranopia

16.8587, 16.5390, 29.0919



Tritanopia

14.6414, 16.5561, 22.1626

Trichromacy



Original Color

15.9811, 16.5896, 28.7454

Protanomaly

16.3425, 16.6182, 28.3329

Deuteranomaly

16.4985, 16.5162, 29.1065

Tritanomaly

15.0951, 16.5639, 24.5919

Monochromacy



Original Color

15.9811, 16.5896, 28.7454

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.6066, 16.3913, 21.4101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9811, 16.5896, 28.7454 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(97, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(97, 114, 144)  
}
```

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(97, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 114, 144) }
```

Border

The CSS property to change the border of an element to XYZ 15.9811, 16.5896, 28.7454 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(97, 114, 144) }
```


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

```
.border{ border-color:rgb(97, 114, 144) }
```

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

Here you see how a box with a 4 pixel rgb(97, 114, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(97, 114,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9811, 16.5896, 28.7454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 114, 144) }
```

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

```
.background{ background-color: rgb(97, 114,  
144) }
```

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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