

Converting Colors

XYZ(15.8212, 17.8824, 28.9076)

Have a look what the booklet for
XYZ(15.8212, 17.8824, 28.9076)
contains.

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Color

**XYZ(15.8313, 17.9111,
29.0083)**

Conversions

Conversions Part 1

Format	Color
Hex	567A90
RGB	86, 122, 144
RGB Percent	34%, 48%, 56%
CMY	0.6627, 0.5216, 0.4353
CMYK	0.40, 0.15, 0.00, 0.44
HSL	203°, 25%, 45%
HSV	203°, 40%, 56%
XYZ	15.8313, 17.9111, 29.0083
YIQ	113.7440, -28.5180, -0.7900

Conversions

Conversions Part 2

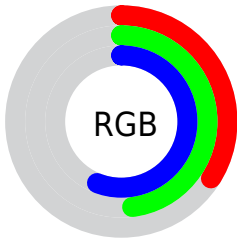
Format	Color
R _Y B	86, 108, 144
Decimal	5667472
CIE Lab	49.39, -6.74, -15.95
CIE LCh	49, 17.320, 247.092
Yxy	17.9111, 0.2523, 0.2854
Android (android.graphics.Color)	4283857552 (0xFF567A90)
YUV	113.7440, 14.9162, -24.3315
Hunter-Lab	42.3215, -7.2907, -11.0139

Details

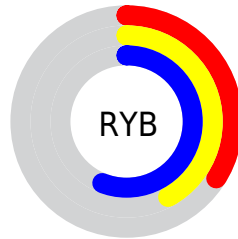
The XYZ color **15.8313, 17.9111, 29.0083** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **18.5442, 17.3266, 11.1716**, and the grayscale version is **15.8809, 16.7080, 18.1950**.

A 20% lighter version of the original color is **35.8103, 39.7526, 59.2117**, and **5.1305, 5.9483, 11.4674** is the 20% darker color. If you saturate the color by 10%, you get **13.9849, 15.9918, 28.7355**, and if you desaturate by 10%, it is **17.9837, 20.0449, 29.3070**.

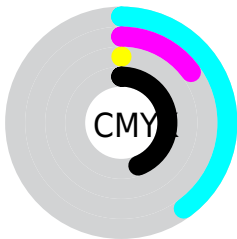
Distribution



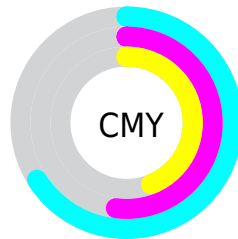
- Red (34%)
- Green (48%)
- Blue (56%)



- Red (34%)
- Yellow (42%)
- Blue (56%)



- Cyan (40%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (66%)
- Magenta (52%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8313, 17.9111, 29.0083 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 15.8313, 17.9111, 29.0083 by changing the saturation by 10% instead.

■ 15.8313, 17.9111,
29.0083

■ 15.8313, 17.9111,
29.0083

221.6342,
240.3695, 311.3163

■ 9.4949, 10.8862,
18.8415

■ 35.8649, 39.8858,
59.1326

■ 5.1251, 5.9903,
11.3801

■ 50.2929, 55.6043,
79.9272

■ 2.3563, 2.8392,
6.2057

■ 68.1487, 74.9896,
105.1014

■ 0.8233, 1.0484,
2.8998

■ 89.7979, 98.4258,
135.0738

■ 0.0000, 0.0000,
1.0437

■ 115.6056,
126.2976, 170.2630

■ 0.0000, 0.0000,
0.0000

145.9374,

158.9892, 211.0874

181.1584,
196.8850, 257.9657

■ 15.8313, 17.9111,
29.0083

■ 15.8313, 17.9111,
29.0083

■ 13.9849, 15.9918,
28.7355

■ 17.9837, 20.0449,
29.3070

■ 12.4260, 14.2755,
28.4863

■ 20.4558, 22.3999,
29.6313

■ 11.1367, 12.7522,
28.2603

■ 23.2624, 24.9851,
29.9824

■ 10.0961, 11.4103,
28.0561

■ 26.4169, 27.8082,
30.3610

■ 9.2798, 10.2362,
27.8725

■ 29.9320, 30.8766,
30.7680

■ 8.6383, 9.2221,
27.7106

■ 33.8196, 34.1973,
31.2041

■ 38.0911, 37.7769,
31.6699

■ 42.7573, 41.6218,
32.1661

■ 47.8288, 45.7381,
32.6933

Harmonies

Analogous

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



14.6412, 17.9111, 25.4406



15.8313, 17.9111, 29.0083



17.4144, 17.9111, 29.8505

Triad

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



15.8313, 17.9111, 29.0083



20.3322, 17.9111, 18.4134



15.2005, 17.9111, 13.1752

Complementary

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



15.8313, 17.9111, 29.0083



18.5442, 17.3266, 11.1716

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.



16.6394, 17.9111, 11.8734



15.8313, 17.9111, 29.0083



19.6521, 17.9111, 14.5682

Square

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



15.8313, 17.9111, 29.0083



20.0816, 17.9111, 23.2143



18.2751, 17.9111, 12.3392



14.2936, 17.9111, 16.2085

Rectangle

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



15.8313, 17.9111, 29.0083



18.4936, 17.9111, 28.6485



18.2751, 17.9111, 12.3392



15.6343, 17.9111, 12.5447

Sweetspot

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



15.8319, 17.9118, 29.0087



40.0062, 43.1366, 52.7557



16.4793, 22.9925, 17.5535



9.0423, 9.7715, 12.0817



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.



15.8319, 17.9118, 29.0087



25.0575, 28.6226, 50.7421



12.8513, 11.9506, 28.0152



5.3907, 5.7772, 6.8598



7.5454, 8.0768, 24.1384



0.0935, 0.1198, 0.2379

Inverse Universe

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



18.3427, 13.9905, 20.1467



30.2310, 21.2455, 32.3246



22.0234, 24.2851, 12.3313



5.5407, 5.4768, 6.3453



11.6117, 5.8017, 8.8724



0.1218, 0.0598, 0.1415

Previews

White Background



This preview shows how the XYZ color 15.8313, 17.9111, 29.0083 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 15.8313, 17.9111, 29.0083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

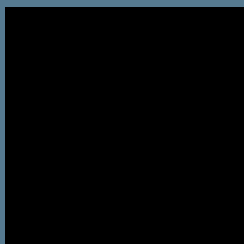
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

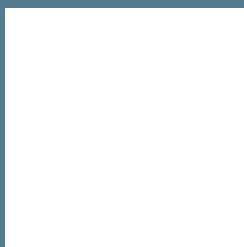
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8313, 17.9111, 29.0083

Background



This preview shows how black text looks on a background with the XYZ color 15.8313, 17.9111, 29.0083.



This preview shows how white text looks on a background with the XYZ color 15.8313, 17.9111,

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

15.8313, 17.9111, 29.0083

Protanopia

17.6611, 17.8290, 27.3214

Deuteranopia

18.2585, 17.9142, 29.6896



Tritanopia

15.0780, 17.9755, 25.2292

Trichromacy



Original Color

15.8313, 17.9111, 29.0083

Protanomaly

16.8797, 17.7635, 27.7384

Deuteranomaly

17.2982, 17.9443, 29.3399

Tritanomaly

15.3266, 17.8857, 26.6892

Monochromacy



Original Color

15.8313, 17.9111, 29.0083

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7719, 17.1463, 21.8803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8313, 17.9111, 29.0083 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(86, 122, 144) looks like.

```
.text, #text, p{  
    color:rgb(86, 122, 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(86, 122, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 122, 144) }
```

Border

The CSS property to change the border of an element to XYZ 15.8313, 17.9111, 29.0083 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(86, 122, 144) }
```


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

```
.border{ border-color:rgb(86, 122, 144) }
```

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

Here you see how a box with a 4 pixel rgb(86, 122, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 122, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 122, 144);  
box-shadow:4px 4px 4px 4px rgb(86, 122,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8313, 17.9111, 29.0083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 122, 144) }
```

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

```
.background{ background-color: rgb(86, 122,  
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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