

Converting Colors

XYZ(14.8836, 13.8642, 27.8870)

Have a look what the booklet for
XYZ(14.8836, 13.8642, 27.8870)
contains.

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Color

**XYZ(14.8819, 13.8642,
27.8783)**

Conversions

Conversions Part 1

Format	Color
Hex	65648F
RGB	101, 100, 143
RGB Percent	40%, 39%, 56%
CMY	0.6039, 0.6078, 0.4392
CMYK	0.29, 0.30, 0.00, 0.44
HSL	241°, 18%, 48%
HSV	241°, 30%, 56%
XYZ	14.8819, 13.8642, 27.8783
YIQ	105.2010, -13.2070, 13.5850

Conversions

Conversions Part 2

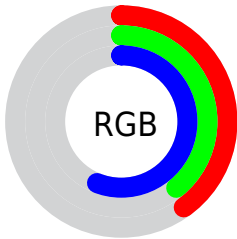
Format	Color
R_{YB}	101, 100, 143
Decimal	6644879
CIE _{Lab}	44.04, 10.71, -23.49
CIE _{LCh}	44, 25.811, 294.510
Yxy	13.8642, 0.2628, 0.2448
Android (android.graphics.Color)	4284834959 (0xFF65648F)
YUV	105.2010, 18.6349, -3.6843
Hunter-Lab	37.2347, 6.1820, -18.3273

Details

The XYZ color **14.8819, 13.8642, 27.8783** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.2784, 26.3161, 15.9098**, and the grayscale version is **13.4357, 14.1354, 15.3935**.

A 20% lighter version of the original color is **34.2815, 32.9367, 57.3739**, and **4.6210, 4.0490, 10.6632** is the 20% darker color. If you saturate the color by 10%, you get **12.1957, 10.6192, 27.3938**, and if you desaturate by 10%, it is **18.0756, 17.7289, 28.4562**.

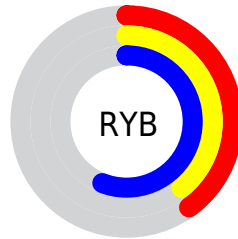
Distribution



Red (40%)

Green (39%)

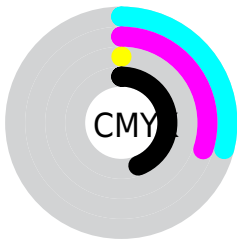
Blue (56%)



Red (40%)

Yellow (39%)

Blue (56%)

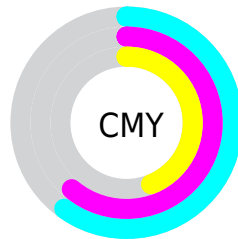


Cyan (29%)

Magenta (30%)

Yellow (0%)

Black (44%)



Cyan (60%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8819, 13.8642, 27.8783 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 14.8819, 13.8642, 27.8783 by changing the saturation by 10% instead.

■ 14.8819, 13.8642,
27.8783

■ 14.8819, 13.8642,
27.8783

216.0529,
216.3844, 305.7785

■ 8.8223, 8.0263,
17.9957

■ 34.2192, 32.8479,
57.3108

■ 4.6816, 4.1118,
10.7775

■ 48.2277, 46.7624,
77.6979

■ 2.0945, 1.7363,
5.8051

■ 65.6165, 64.1380,
102.4234

■ 0.6862, 0.4470,
2.6601

■ 86.7509, 85.3589,
131.9061

■ 0.0000, 0.0000,
0.9232

111.9965,
110.8096, 166.5644

■ 0.0000, 0.0000,
0.0000

141.7184,

140.8745, 206.8169

176.2821,
175.9379, 253.0821

■ 14.8819, 13.8642,
27.8783

■ 14.8819, 13.8642,
27.8783

■ 12.1957, 10.6192,
27.3938

■ 18.0756, 17.7289,
28.4562

■ 9.9896, 7.9600,
26.9968

■ 21.7996, 22.2413,
29.1309

■ 8.2356, 5.8524,
26.6824

■ 26.0770, 27.4299,
29.9069

■ 6.9026, 4.2574,
26.4448

■ 30.9289, 33.3209,
30.7883

■ 5.9552, 3.1316,
26.2774

■ 36.3757, 39.9391,
31.7787

■ 5.3524, 2.4237,
26.1726

■ 42.4365, 47.3082,
32.8816

■ 4.9996, 2.0046,
26.1103

■ 49.1296, 55.4506,
34.1005

■ 56.4726, 64.3881,
35.4386

■ 64.4824, 74.1413,
36.8990

Harmonies

Analogous

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



12.8039, 13.8642, 29.3575



14.8819, 13.8642, 27.8783



16.6558, 13.8642, 22.6467

Triad

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



14.8819, 13.8642, 27.8783



15.6018, 13.8642, 7.6416



9.6293, 13.8642, 14.0409

Complementary

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



14.8819, 13.8642, 27.8783



23.2784, 26.3161, 15.9098

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.



10.2207, 13.8642, 9.4430



14.8819, 13.8642, 27.8783



13.5584, 13.8642, 6.4142

Square

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



14.8819, 13.8642, 27.8783



17.1007, 13.8642, 10.8789



11.6085, 13.8642, 6.9757



9.9055, 13.8642, 20.2818

Rectangle

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



14.8819, 13.8642, 27.8783



17.3543, 13.8642, 18.3170



11.6085, 13.8642, 6.9757



9.7312, 13.8642, 12.2762

Sweetspot

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



14.8824, 13.8647, 27.8786



39.6721, 40.5975, 52.2832



19.9290, 24.1233, 29.5927



8.8795, 9.0453, 11.9501



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.



14.8824, 13.8647, 27.8786



23.3342, 20.8205, 49.3269



17.5723, 15.2515, 28.0045



5.1405, 5.2606, 6.7732



4.4231, 1.7738, 23.0863



0.0441, 0.0179, 0.2208

Inverse Universe

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



20.7677, 16.9075, 27.7605



35.6131, 27.1695, 49.0407



19.9779, 24.6147, 15.7553



5.6209, 5.5089, 6.7678



14.1812, 6.8295, 22.4035



0.1367, 0.0657, 0.2201

Previews

White Background



This preview shows how the XYZ color 14.8819, 13.8642, 27.8783 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 14.8819, 13.8642, 27.8783 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 14.8819, 13.8642, 27.8783

Background



This preview shows how black text looks on a background with the XYZ color 14.8819, 13.8642, 27.8783.

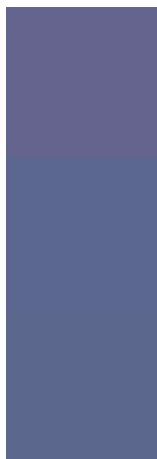


This preview shows how white text looks on a background with the XYZ color 14.8819, 13.8642,

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

14.8819, 13.8642, 27.8783

Protanopia

14.2755, 13.9690, 28.7319

Deuteranopia

14.1464, 13.9288, 27.5341



Tritanopia

12.9106, 13.9559, 17.9329

Trichromacy



Original Color

14.8819, 13.8642, 27.8783

Protanomaly

14.5047, 13.9493, 28.3136

Deuteranomaly

14.3532, 13.8886, 27.5155

Tritanomaly

13.5818, 13.9227, 21.3735

Monochromacy



Original Color

14.8819, 13.8642, 27.8783

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.8889, 13.9755, 19.4183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8819, 13.8642, 27.8783 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(101, 100, 143)` looks like.

```
.text, #text, p{  
    color:rgb(101, 100, 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(101, 100, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 100, 143) }
```

Border

The CSS property to change the border of an element to XYZ 14.8819, 13.8642, 27.8783 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(101, 100, 143) }
```


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

```
.border{ border-color:rgb(101, 100, 143) }
```

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

Here you see how a box with a 4 pixel rgb(101, 100, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 100, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 100, 143);  
box-shadow:4px 4px 4px 4px rgb(101, 100,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8819, 13.8642, 27.8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 100, 143) }
```

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

```
.background{ background-color: rgb(101,  
100, 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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