

Converting Colors

XYZ(16.2432, 15.0272, 28.1342)

Have a look what the booklet for
XYZ(16.2432, 15.0272, 28.1342)
contains.

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Color

**XYZ(16.2386, 14.9987,
28.0258)**

Conversions

Conversions Part 1

Format	Color
Hex	6E678F
RGB	110, 103, 143
RGB Percent	43%, 40%, 56%
CMY	0.5686, 0.5961, 0.4392
CMYK	0.23, 0.28, 0.00, 0.44
HSL	250°, 16%, 48%
HSV	250°, 28%, 56%
XYZ	16.2386, 14.9987, 28.0258
YIQ	109.6530, -8.6680, 13.9240

Conversions

Conversions Part 2

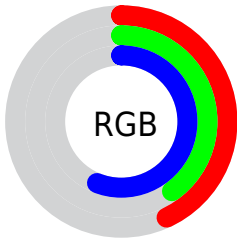
Format	Color
R _Y B	110, 103, 143
Decimal	7235471
CIE Lab	45.63, 11.79, -20.96
CIE LCh	46, 24.046, 299.350
Yxy	14.9987, 0.2740, 0.2531
Android (android.graphics.Color)	4285425551 (0xFF6E678F)
YUV	109.6530, 16.4401, 0.3043
Hunter-Lab	38.7282, 7.0702, -15.7958

Details

The XYZ color **16.2386, 14.9987, 28.0258** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.4245, 25.8588, 16.6420**, and the grayscale version is **14.6784, 15.4428, 16.8172**.

A 20% lighter version of the original color is **36.5339, 34.8238, 57.6194**, and **5.3144, 4.6108, 10.9658** is the 20% darker color. If you saturate the color by 10%, you get **13.5647, 11.6866, 27.5277**, and if you desaturate by 10%, it is **19.3523, 18.8994, 28.6148**.

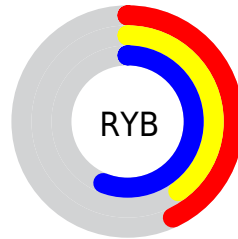
Distribution



Red (43%)

Green (40%)

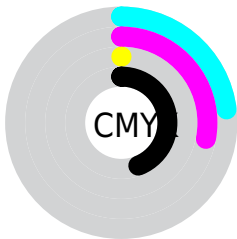
Blue (56%)



Red (43%)

Yellow (40%)

Blue (56%)

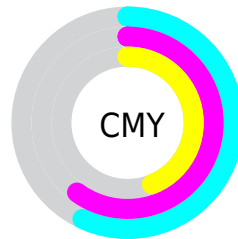


Cyan (23%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (57%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2386, 14.9987, 28.0258 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 16.2386, 14.9987, 28.0258 by changing the saturation by 10% instead.

■ 16.2386, 14.9987,
28.0258

■ 16.2386, 14.9987,
28.0258

223.9884,
223.3584, 306.5060

■ 9.7851, 8.8185,
18.1059

■ 36.5660, 34.8509,
57.5492

■ 5.3179, 4.6230,
10.8558

■ 51.1707, 49.2917,
77.9898

■ 2.4716, 2.0278,
5.8570

■ 69.2230, 67.2547,
102.7744

■ 0.8810, 0.6235,
2.6910

■ 91.0885, 89.1245,
132.3215

■ 0.0000, 0.0000,
0.9389

117.1324,
115.2853, 167.0497

■ 0.0000, 0.0000,
0.0000

147.7201,

146.1217, 207.3775

183.2170,
182.0179, 253.7234

■ 16.2386, 14.9987,
28.0258

■ 16.2386, 14.9987,
28.0258

■ 13.5647, 11.6866,
27.5277

■ 19.3523, 18.8994,
28.6148

■ 11.3090, 8.9324,
27.1150

■ 22.9229, 23.4135,
29.2980

■ 9.4503, 6.7058,
26.7831

■ 26.9687, 28.5667,
30.0794

■ 7.9651, 4.9723,
26.5268

■ 31.5063, 34.3827,
30.9628

■ 6.8271, 3.6937,
26.3400

■ 36.5515, 40.8840,
31.9518

■ 6.0064, 2.8259,
26.2158

■ 42.1197, 48.0919,
33.0496

■ 5.4526, 2.2849,
26.1405

■ 48.2252, 56.0269,
34.2594

■ 5.3594, 2.1902,
26.1271

■ 54.8821, 64.7087,
35.5843

■ 62.1037, 74.1561,
37.0272

Harmonies

Analogous

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



14.2119, 14.9987, 30.1143



16.2386, 14.9987, 28.0258



17.8521, 14.9987, 22.6599

Triad

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



16.2386, 14.9987, 28.0258



16.3217, 14.9987, 8.5296



10.7248, 14.9987, 16.2055

Complementary

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



16.2386, 14.9987, 28.0258



22.4245, 25.8588, 16.6420

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.



11.1781, 14.9987, 11.3061



16.2386, 14.9987, 28.0258



14.2998, 14.9987, 7.5645

Square

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



16.2386, 14.9987, 28.0258



17.9032, 14.9987, 11.4775



12.4414, 14.9987, 8.4483



11.1408, 14.9987, 22.3899

Rectangle

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



16.2386, 14.9987, 28.0258



18.4087, 14.9987, 18.4668



12.4414, 14.9987, 8.4483



10.7798, 14.9987, 14.3666

Sweetspot

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



16.2391, 14.9993, 28.0261



40.9158, 41.7580, 52.4416



19.4031, 22.5696, 29.3206



9.1680, 9.3035, 11.9848



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.



16.2391, 14.9993, 28.0261



25.7654, 22.7454, 49.5703



18.9636, 16.4038, 28.1536



5.2122, 5.2976, 6.7766



4.7521, 1.9434, 23.1017



0.0587, 0.0254, 0.2215

Inverse Universe

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



20.6224, 17.3183, 25.5490



35.0969, 27.6870, 44.0904



19.5180, 24.3605, 16.5060



5.5863, 5.4951, 6.5855



12.9127, 6.3221, 15.7236



0.1303, 0.0632, 0.1866

Previews

White Background



This preview shows how the XYZ color 16.2386, 14.9987, 28.0258 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 16.2386, 14.9987, 28.0258 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 16.2386, 14.9987, 28.0258

Background



This preview shows how black text looks on a background with the XYZ color 16.2386, 14.9987, 28.0258.



This preview shows how white text looks on a background with the XYZ color 16.2386, 14.9987,

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

16.2386, 14.9987, 28.0258

Protanopia

15.3758, 15.1321, 29.3045

Deuteranopia

15.2920, 14.9704, 27.6748



Tritanopia

14.3991, 15.0127, 18.9685

Trichromacy



Original Color

16.2386, 14.9987, 28.0258

Protanomaly

15.7444, 15.1772, 28.8877

Deuteranomaly

15.6430, 14.9992, 27.6618

Tritanomaly

14.9833, 14.9402, 21.8327

Monochromacy



Original Color

16.2386, 14.9987, 28.0258

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.2010, 15.2355, 20.5519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2386, 14.9987, 28.0258 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(110, 103, 143)` looks like.

```
.text, #text, p{  
    color:rgb(110, 103, 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(110, 103, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 103, 143) }
```

Border

The CSS property to change the border of an element to XYZ 16.2386, 14.9987, 28.0258 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(110, 103, 143) }
```


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

```
.border{ border-color:rgb(110, 103, 143) }
```

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

Here you see how a box with a 4 pixel rgb(110, 103, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 103, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 103, 143);  
box-shadow:4px 4px 4px 4px rgb(110, 103,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2386, 14.9987, 28.0258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 103, 143) }
```

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

```
.background{ background-color: rgb(110,  
103, 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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