

Converting Colors

XYZ(29.0643, 32.6798, 30.7533)

Have a look what the booklet for
XYZ(29.0643, 32.6798, 30.7533)
contains.

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Color

**XYZ(29.0388, 32.5479,
30.7385)**

Conversions

Conversions Part 1

Format	Color
Hex	929E8F
RGB	146, 158, 143
RGB Percent	57%, 62%, 56%
CMY	0.4274, 0.3804, 0.4392
CMYK	0.08, 0.00, 0.09, 0.38
HSL	108°, 7%, 59%
HSV	108°, 9%, 62%
XYZ	29.0388, 32.5479, 30.7385
YIQ	152.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

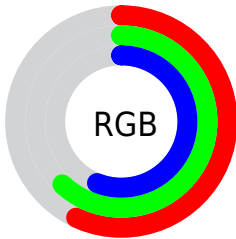
Format	Color
RYB	143, 158, 155
Decimal	9608847
CIELab	63.79, -7.18, 6.37
CIELCh	64, 9.600, 138.402
Yxy	32.5479, 0.3145, 0.3525
Android (android.graphics.Color)	4287798927 (0xFF929E8F)
YUV	152.7020, -4.7831, -5.8777
Hunter-Lab	57.0508, -8.9825, 7.9906

Details

The XYZ color **29.0388, 32.5479, 30.7385** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.5130, 29.0831, 36.4076**, and the grayscale version is **30.1703, 31.7416, 34.5665**.

A 20% lighter version of the original color is **57.6917, 63.8991, 62.1164**, and **11.9528, 13.7386, 12.3778** is the 20% darker color. If you saturate the color by 10%, you get **25.8010, 31.0084, 24.7728**, and if you desaturate by 10%, it is **32.6956, 34.2858, 37.6053**.

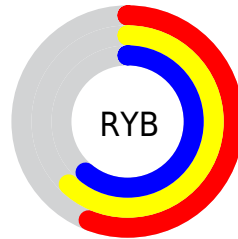
Distribution



Red (57%)

Green (62%)

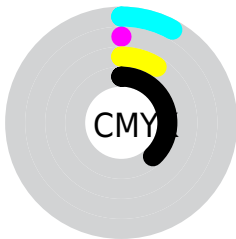
Blue (56%)



Red (56%)

Yellow (62%)

Blue (61%)

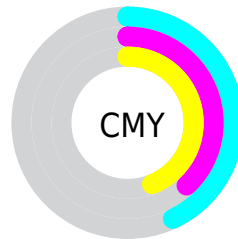


Cyan (8%)

Magenta (0%)

Yellow (9%)

Black (38%)



Cyan (43%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0388, 32.5479, 30.7385 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 29.0388, 32.5479, 30.7385 by changing the saturation by 10% instead.

■ 29.0388, 32.5479,
30.7385

■ 29.0388, 32.5479,
30.7385

289.3889,
313.6076, 319.6456

■ 19.2546, 21.7803,
20.1430

■ 57.5359, 63.6690,
61.9029

■ 11.9595, 13.6956,
12.3139

■ 76.9794, 84.7914,
83.3088

■ 6.7881, 7.9092,
6.8327

100.3735,
110.1342, 109.1554

■ 3.3751, 4.0369,
3.2809

128.0834,
140.0817, 139.8610

■ 1.3551, 1.6942,
1.2398

160.4746,
175.0184, 175.8443

■ 0.2239, 0.4199,
0.0116

197.9123,

■ 0.0000, 0.0000,

215.3287, 217.5238

0.0000

240.7620,
261.3970, 265.3181

■ 29.0388, 32.5479,
30.7385

■ 29.0388, 32.5479,
30.7385

■ 25.8010, 31.0084,
24.7728

■ 32.6956, 34.2858,
37.6053

■ 22.9644, 29.6561,
19.6687

■ 36.7829, 36.2244,
45.4062

■ 20.5140, 28.4851,
15.3870


■ 41.3152, 38.3716,
54.1751


■ 18.4326, 27.4875,
11.8848


■ 46.3056, 40.7332,
63.9435


■ 16.7019, 26.6548,
9.1150


■ 51.7665, 43.3150,
74.7418


 15.3018, 25.9778,
7.0256


 57.7099, 46.1226,
86.5987


 14.2102, 25.4464,
5.5578

 64.1472, 49.1614,
99.5420

 13.4019, 25.0491,
4.6426

 68.6827, 51.4737,
100.9232

 12.8346, 24.7675,
4.1271

 71.5175, 52.9351,
101.0558

Harmonies

Analogous

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



30.1252, 32.5479, 28.8556



29.0388, 32.5479, 30.7385



28.4670, 32.5479, 33.9685

Triad

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



29.0388, 32.5479, 30.7385



30.4179, 32.5479, 43.2144



33.4594, 32.5479, 33.1484

Complementary

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



29.0388, 32.5479, 30.7385



29.5130, 29.0831, 36.4076

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.



33.5433, 32.5479, 36.9516



29.0388, 32.5479, 30.7385



31.7608, 32.5479, 42.9548

Square

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



29.0388, 32.5479, 30.7385



29.2477, 32.5479, 41.2815



32.9137, 32.5479, 40.5961



32.6876, 32.5479, 30.1757

Rectangle

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



29.0388, 32.5479, 30.7385



28.4433, 32.5479, 36.5342



32.9137, 32.5479, 40.5961



33.5698, 32.5479, 34.3661

Sweetspot

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



29.0397, 32.5493, 30.7392



56.9176, 61.0943, 63.6529



30.7813, 32.6965, 30.6758



12.7137, 13.7175, 14.1278



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.0397, 32.5493, 30.7392



51.6685, 58.6001, 53.8415



28.8614, 32.4172, 32.5468



6.6685, 7.4617, 7.0745



10.2864, 19.8396, 3.2873



0.2134, 0.3699, 0.0602

Inverse Universe

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



29.5130, 29.0831, 36.4076



52.6719, 51.2509, 65.8597



29.7154, 29.2314, 34.4314



6.7742, 6.6876, 8.3405



11.9152, 5.5715, 26.3546



0.2434, 0.1153, 0.4726

Previews

White Background



This preview shows how the XYZ color 29.0388, 32.5479, 30.7385 looks on a white background.

Color Contrast Check

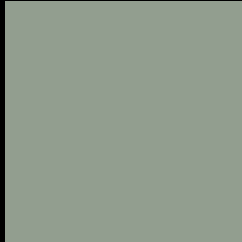
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.0388, 32.5479, 30.7385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

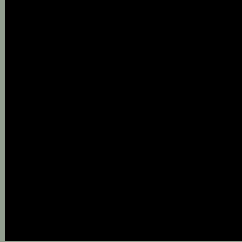
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

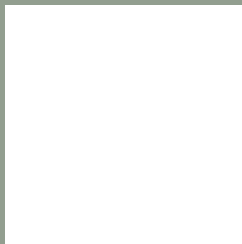
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0388, 32.5479, 30.7385

Background



This preview shows how black text looks on a background with the XYZ color 29.0388, 32.5479, 30.7385.



This preview shows how white text looks on a background with the XYZ color 29.0388, 32.5479,

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

29.0388, 32.5479, 30.7385

Protanopia

30.8605, 32.5079, 29.8474

Deuteranopia

33.0919, 32.4235, 31.3023



Tritanopia

31.2741, 32.7167, 41.2259

Trichromacy



Original Color

29.0388, 32.5479, 30.7385

Protanomaly

30.1214, 32.3642, 30.2505

Deuteranomaly

31.3665, 32.2566, 30.9585

Tritanomaly

30.4544, 32.6351, 37.0418

Monochromacy



Original Color

29.0388, 32.5479, 30.7385

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.7238, 32.0966, 33.0624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0388, 32.5479, 30.7385 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(146, 158, 143) looks like.

```
.text, #text, p{  
    color:rgb(146, 158, 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(146, 158, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 158, 143) }
```

Border

The CSS property to change the border of an element to XYZ 29.0388, 32.5479, 30.7385 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(146, 158, 143) }
```


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

```
.border{ border-color:rgb(146, 158, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 158, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 158, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 158, 143);  
box-shadow:4px 4px 4px 4px rgb(146, 158,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0388, 32.5479, 30.7385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 158, 143) }
```

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

```
.background{ background-color: rgb(146,  
158, 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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