

Converting Colors

XYZ(29.2251, 32.4252, 29.2236)

Have a look what the booklet for
XYZ(29.2251, 32.4252, 29.2236)
contains.

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Color

**XYZ(29.2948, 32.4621,
29.1479)**

Conversions

Conversions Part 1

Format	Color
Hex	969D8B
RGB	150, 157, 139
RGB Percent	59%, 62%, 55%
CMY	0.4118, 0.3843, 0.4549
CMYK	0.04, 0.00, 0.11, 0.38
HSL	83°, 8%, 58%
HSV	83°, 11%, 62%
XYZ	29.2948, 32.4621, 29.1479
YIQ	152.8550, 1.6060, -7.0820

Conversions

Conversions Part 2

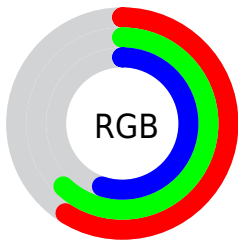
Format	Color
RYB	139, 157, 146
Decimal	9870731
CIELab	63.72, -5.89, 8.56
CIELCh	64, 10.387, 124.544
Yxy	32.4621, 0.3223, 0.3571
Android (android.graphics.Color)	4288060811 (0xFF969D8B)
YUV	152.8550, -6.8305, -2.5038
Hunter-Lab	56.9755, -7.9288, 9.5509

Details

The XYZ color **29.2948, 32.4621, 29.1479** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1739, 27.0115, 35.6817**, and the grayscale version is **30.2442, 31.8193, 34.6512**.

A 20% lighter version of the original color is **57.9598, 63.7301, 59.1155**, and **12.1028, 13.6820, 11.4542** is the 20% darker color. If you saturate the color by 10%, you get **27.1345, 31.4725, 23.4824**, and if you desaturate by 10%, it is **31.6803, 33.5506, 35.6853**.

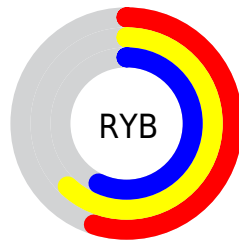
Distribution



Red (59%)

Green (62%)

Blue (55%)



Red (55%)

Yellow (62%)

Blue (57%)

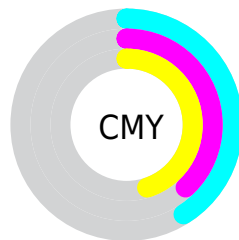


Cyan (4%)

Magenta (0%)

Yellow (11%)

Black (38%)



Cyan (41%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2948, 32.4621, 29.1479 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 29.2948, 32.4621, 29.1479 by changing the saturation by 10% instead.

■ 29.2948, 32.4621,
29.1479

■ 29.2948, 32.4621,
29.1479

290.5725,
313.2189, 311.9949

■ 19.4493, 21.7147,
18.9462

■ 57.9395, 63.5348,
59.3570

■ 12.1013, 13.6474,
11.4550

■ 77.4694, 84.6289,
80.2014

■ 6.8854, 7.8759,
6.2557

■ 100.9582,
109.9407, 105.4305

■ 3.4362, 4.0156,
2.9299

128.7712,
139.8546, 135.4628

■ 1.3884, 1.6823,
1.0590

161.2738,
174.7550, 170.7169

■ 0.2480, 0.4122,
0.0000

198.8313,

■ 0.0000, 0.0000,

215.0262, 211.6112

0.0000

241.8091,
261.0527, 258.5644

■ 29.2948, 32.4621,
29.1479

■ 29.2948, 32.4621,
29.1479

■ 27.1345, 31.4725,
23.4824

■ 31.6803, 33.5506,
35.6853

■ 25.1888, 30.5744,
18.6500

■ 34.2958, 34.7369,
43.1272

■ 23.4502, 29.7657,
14.6117

■ 37.1491, 36.0254,
51.5071

■ 21.9097, 29.0428,
11.3250

■ 40.2471, 37.4187,
60.8561

■ 20.5575, 28.4014,
8.7430

■ 43.5962, 38.9197,
71.2039

■ 19.3828, 27.8373,
6.8139

■ 47.2025, 40.5307,
82.5788

■ 18.3734, 27.3454,
5.4786

■ 51.0720, 42.2545,
95.0083

■ 17.5149, 26.9200,
4.6673

■ 53.6251, 43.4590,
100.1698

■ 16.8734, 26.5980,
4.2446

■ 55.2771, 44.3107,
100.2471

Harmonies

Analogous

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



30.6331, 32.4621, 27.9447



29.2948, 32.4621, 29.1479



28.3963, 32.4621, 32.0123

Triad

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



29.2948, 32.4621, 29.1479



29.6672, 32.4621, 43.0855



33.7282, 32.4621, 34.7147

Complementary

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



29.2948, 32.4621, 29.1479



27.1739, 27.0115, 35.6817

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.



33.4500, 32.4621, 38.9028



29.2948, 32.4621, 29.1479



31.0764, 32.4621, 43.9502

Square

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



29.2948, 32.4621, 29.1479



28.6066, 32.4621, 40.0868



32.4681, 32.4621, 42.3651



33.2167, 32.4621, 30.9940

Rectangle

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



29.2948, 32.4621, 29.1479



28.1520, 32.4621, 34.5893



32.4681, 32.4621, 42.3651



33.7241, 32.4621, 36.1131

Sweetspot

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



29.2957, 32.4635, 29.1486



56.0262, 59.7609, 61.9356



28.8296, 29.5603, 28.6128



12.2535, 13.1160, 13.4213



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.2957, 32.4635, 29.1486



51.3381, 57.6211, 49.2006



27.7197, 31.6511, 29.0749



6.9201, 7.5914, 7.0862



13.7458, 21.6230, 3.4492



0.2921, 0.4105, 0.0638

Inverse Universe

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



27.1739, 27.0115, 35.6817



46.6987, 45.6994, 63.4863



28.8181, 27.8591, 35.7586



6.5166, 6.5548, 8.3284



6.5489, 2.8051, 26.1035



0.1629, 0.0738, 0.4689

Previews

White Background



This preview shows how the XYZ color 29.2948, 32.4621, 29.1479 looks on a white background.

Color Contrast Check

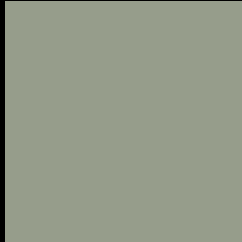
Large Text (above 18pt) WCAG AA × Fail

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 29.2948, 32.4621, 29.1479 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 29.2948, 32.4621, 29.1479

Background



This preview shows how black text looks on a background with the XYZ color 29.2948, 32.4621, 29.1479.



This preview shows how white text looks on a background with the XYZ color 29.2948, 32.4621,

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

29.2948, 32.4621, 29.1479

Protanopia

30.7689, 32.4944, 28.3173

Deuteranopia

33.0107, 32.4167, 29.7165



Tritanopia

31.5092, 32.3691, 40.1845

Trichromacy



Original Color

29.2948, 32.4621, 29.1479

Protanomaly

30.2134, 32.4458, 28.7150

Deuteranomaly

31.4789, 32.3493, 29.3959

Tritanomaly

30.6932, 32.2838, 36.0662

Monochromacy



Original Color

29.2948, 32.4621, 29.1479

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.8498, 31.9247, 32.6058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2948, 32.4621, 29.1479 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(150, 157, 139)` looks like.

```
.text, #text, p{  
    color:rgb(150, 157, 139)  
}
```

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(150, 157, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 157, 139) }
```

Border

The CSS property to change the border of an element to XYZ 29.2948, 32.4621, 29.1479 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(150, 157, 139) }
```


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

```
.border{ border-color:rgb(150, 157, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 157, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 157, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 157, 139);  
box-shadow:4px 4px 4px 4px rgb(150, 157,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2948, 32.4621, 29.1479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 157, 139) }
```

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

```
.background{ background-color: rgb(150,  
157, 139) }
```

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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