

Converting Colors

XYZ(29.0555, 30.2969, 30.2784)

Have a look what the booklet for
XYZ(29.0555, 30.2969, 30.2784)
contains.

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Color

**XYZ(29.0318, 30.3481,
30.3142)**

Conversions

Conversions Part 1

Format	Color
Hex	9A958F
RGB	154, 149, 143
RGB Percent	60%, 58%, 56%
CMY	0.3961, 0.4157, 0.4392
CMYK	0.00, 0.03, 0.07, 0.40
HSL	33°, 5%, 58%
HSV	33°, 7%, 60%
XYZ	29.0318, 30.3481, 30.3142
YIQ	149.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

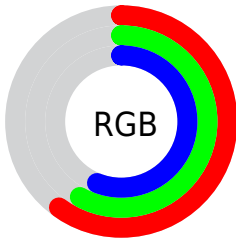
Format	Color
R_{YB}	152, 154, 143
Decimal	10130831
CIE Lab	61.95, 0.72, 3.81
CIE LCh	62, 3.876, 79.236
Yxy	30.3481, 0.3237, 0.3384
Android (android.graphics.Color)	4288320911 (0xFF9A958F)
YUV	149.8110, -3.3578, 3.6738
Hunter-Lab	55.0891, -2.3370, 5.9365

Details

The XYZ color **29.0318, 30.3481, 30.3142** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7503, 29.3520, 34.7751**, and the grayscale version is **28.9223, 30.4286, 33.1367**.

A 20% lighter version of the original color is **57.4464, 60.1530, 61.4063**, and **11.9370, 12.4092, 12.1220** is the 20% darker color. If you saturate the color by 10%, you get **26.8708, 27.7665, 24.2279**, and if you desaturate by 10%, it is **31.4212, 33.1294, 37.2676**.

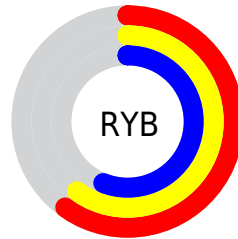
Distribution



Red (60%)

Green (58%)

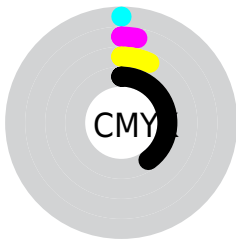
Blue (56%)



Red (60%)

Yellow (60%)

Blue (56%)

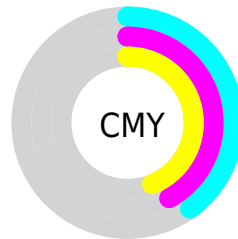


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0318, 30.3481, 30.3142 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 29.0318, 30.3481, 30.3142 by changing the saturation by 10% instead.

■ 29.0318, 30.3481,
30.3142

■ 29.0318, 30.3481,
30.3142

289.3565,
303.5237, 317.6191

■ 19.2493, 20.1030,
19.8231

■ 57.5248, 60.2122,
61.2256

■ 11.9556, 12.4699,
12.0837

■ 76.9660, 80.6000,
82.4830

■ 6.7854, 7.0646,
6.6775

100.3575,
105.1375, 108.1662

■ 3.3734, 3.5025,
3.1859

128.0646,
134.2090, 138.6938

■ 1.3542, 1.3994,
1.1903

160.4527,
168.1990, 174.4844

■ 0.2232, 0.2163,
0.0000

197.8871,

■ 0.0000, 0.0000,

207.4918, 215.9564

0.0000

240.7333,
252.4719, 263.5285

■ 29.0318, 30.3481,
30.3142

■ 29.0318, 30.3481,
30.3142

■ 26.8708, 27.7665,
24.2279

■ 31.4212, 33.1294,
37.2676

■ 24.9281, 25.3758,
18.9721

■ 34.0436, 36.1112,
45.1187

■ 23.1963, 23.1720,
14.5107

■ 36.9069, 39.2993,
53.8991

■ 21.6667, 21.1499,
10.8040

■ 40.0176, 42.6980,
63.6380

■ 20.3300, 19.3036,
7.8088

■ 43.3821, 46.3115,
74.3637

■ 19.1760, 17.6270,
5.4776

■ 47.0063, 50.1440,
86.1030

■ 18.1932, 16.1133,
3.7570

■ 50.8963, 54.1994,
98.8819

■ 17.3687, 14.7551,
2.5851

■ 53.2010, 57.7389,
102.9485

■ 16.6817, 13.5419,
1.8610

■ 54.9118, 61.1605,
103.5187

Harmonies

Analogous

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



29.5017, 30.3481, 30.9256



29.0318, 30.3481, 30.3142



28.5173, 30.3481, 30.4175

Triad

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



29.0318, 30.3481, 30.3142



27.9127, 30.3481, 33.9948



29.6076, 30.3481, 34.9460

Complementary

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



29.0318, 30.3481, 30.3142



27.7503, 29.3520, 34.7751

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.



29.1751, 30.3481, 35.8173



29.0318, 30.3481, 30.3142



28.1981, 30.3481, 35.2569

Square

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



29.0318, 30.3481, 30.3142



27.8754, 30.3481, 32.5128



28.6589, 30.3481, 35.9328



29.8368, 30.3481, 33.5808

Rectangle

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



29.0318, 30.3481, 30.3142



28.2182, 30.3481, 30.8787



28.6589, 30.3481, 35.9328



29.4810, 30.3481, 35.3081

Sweetspot

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



29.0326, 30.3494, 30.3149



54.9012, 57.6631, 61.3131



28.5051, 28.6577, 32.1018



12.4386, 13.0657, 13.9128



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.



29.0326, 30.3494, 30.3149



51.9064, 54.1467, 52.6899



29.7706, 31.9288, 30.5808



6.4741, 6.7532, 6.5681



13.4790, 10.8405, 1.3820



0.2378, 0.2347, 0.0328

Inverse Universe

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



27.7503, 29.3520, 34.7751



48.9524, 51.8492, 62.9641



27.0469, 27.8509, 34.5224



6.1040, 6.4654, 7.8552



6.5693, 5.5352, 25.6299



0.1339, 0.1542, 0.3951

Previews

White Background



This preview shows how the XYZ color 29.0318, 30.3481, 30.3142 looks on a white background.

Color Contrast Check

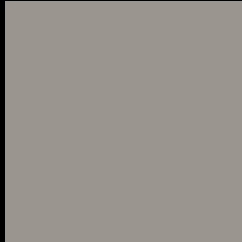
Large Text (above 18pt) WCAG AA × Fail

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 29.0318, 30.3481, 30.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

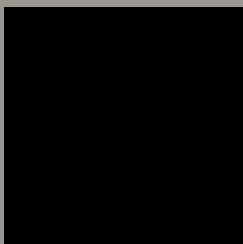
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

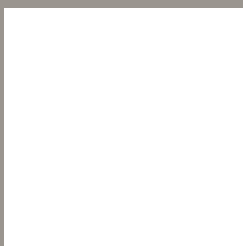
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0318, 30.3481, 30.3142

Background



This preview shows how black text looks on a background with the XYZ color 29.0318, 30.3481, 30.3142.



This preview shows how white text looks on a background with the XYZ color 29.0318, 30.3481,

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

29.0318, 30.3481, 30.3142

Protanopia

29.0318, 30.3481, 30.3142

Deuteranopia

30.8853, 30.3714, 30.6200



Tritanopia

30.3156, 30.4040, 36.6185

Trichromacy



Original Color

29.0318, 30.3481, 30.3142

Protanomaly

29.0318, 30.3481, 30.3142

Deuteranomaly

30.2132, 30.2528, 30.6325

Tritanomaly

29.8572, 30.4483, 34.4405

Monochromacy



Original Color

29.0318, 30.3481, 30.3142

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.9353, 30.4986, 31.9655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0318, 30.3481, 30.3142 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(154, 149, 143)` looks like.

```
.text, #text, p{  
    color:rgb(154, 149, 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(154, 149, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 149, 143) }
```

Border

The CSS property to change the border of an element to XYZ 29.0318, 30.3481, 30.3142 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(154, 149, 143) }
```


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

```
.border{ border-color:rgb(154, 149, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 149, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 149, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 149, 143);  
box-shadow:4px 4px 4px 4px rgb(154, 149,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0318, 30.3481, 30.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 149, 143) }
```

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

```
.background{ background-color: rgb(154,  
149, 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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