

Converting Colors

XYZ(30.8927, 31.4095, 28.4798)

Have a look what the booklet for
XYZ(30.8927, 31.4095, 28.4798)
contains.

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Color

**XYZ(30.8519, 31.3292,
28.4658)**

Conversions

Conversions Part 1

Format	Color
Hex	A5958A
RGB	165, 149, 138
RGB Percent	65%, 58%, 54%
CMY	0.3529, 0.4157, 0.4588
CMYK	0.00, 0.10, 0.16, 0.35
HSL	24°, 13%, 59%
HSV	24°, 16%, 65%
XYZ	30.8519, 31.3292, 28.4658
YIQ	152.5300, 13.0670, -0.0290

Conversions

Conversions Part 2

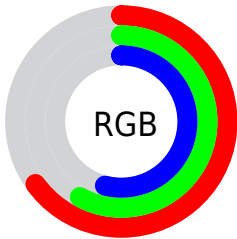
Format	Color
RYB	165, 157, 138
Decimal	10851722
CIELab	62.78, 4.04, 7.95
CIELCh	63, 8.917, 63.086
Yxy	31.3292, 0.3404, 0.3456
Android (android.graphics.Color)	4289041802 (0xFFA5958A)
YUV	152.5300, -7.1633, 10.9362
Hunter-Lab	55.9725, 0.4369, 9.0278

Details

The XYZ color **30.8519, 31.3292, 28.4658** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8281, 31.2303, 40.1061**, and the grayscale version is **30.1010, 31.6686, 34.4871**.

A 20% lighter version of the original color is **60.2751, 61.6891, 58.0206**, and **12.9392, 12.9507, 11.0503** is the 20% darker color. If you saturate the color by 10%, you get **28.2649, 27.9237, 22.1508**, and if you desaturate by 10%, it is **33.7520, 35.0698, 35.7814**.

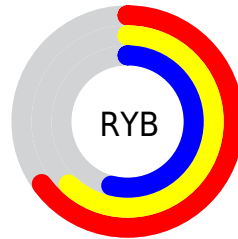
Distribution



Red (65%)

Green (58%)

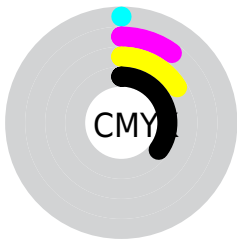
Blue (54%)



Red (65%)

Yellow (62%)

Blue (54%)

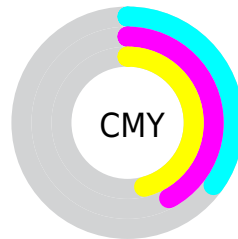


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8519, 31.3292, 28.4658 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 30.8519, 31.3292, 28.4658 by changing the saturation by 10% instead.

■ 30.8519, 31.3292,
28.4658

■ 30.8519, 31.3292,
28.4658

297.6945,
308.0521, 308.6677

■ 20.6374, 20.8497,
18.4350

■ 60.3843, 61.7580,
58.2593

■ 12.9701, 13.0141,
11.0901

■ 80.4328, 82.4760,
78.8590

■ 7.4848, 7.4383,
6.0125

■ 104.4901,
107.3757, 103.8188

■ 3.8161, 3.7377,
2.7838

132.9214,
136.8414, 133.5573

■ 1.5986, 1.5279,
0.9853

166.0921,
171.2574, 168.4928

■ 0.3915, 0.3083,
0.0000

204.3677,

■ 0.0000, 0.0000,

211.0083, 209.0440

0.0000

248.1134,
256.4784, 255.6295

■ 30.8519, 31.3292,
28.4658

■ 30.8519, 31.3292,
28.4658

■ 28.2649, 27.9237,
22.1508

■ 33.7520, 35.0698,
35.7814

■ 25.9770, 24.8394,
16.7902

■ 36.9733, 39.1505,
44.1368

■ 23.9771, 22.0677,
12.3375

■ 40.5269, 43.5815,
53.5716

■ 22.2521, 19.5979,
8.7410

■ 44.4224, 48.3712,
64.1228

■ 20.7880, 17.4185,
5.9442

■ 48.6692, 53.5278,
75.8255

■ 19.5691, 15.5174,
3.8833

■ 53.2760, 59.0592,
88.7134

■ 18.5777, 13.8810,
2.4848

■ 58.2516, 64.9730,
102.8186

■ 17.7904, 12.4934,
1.6461

■ 61.0936, 70.2724,
104.9517

■ 17.5388, 12.0427,
1.4001

■ 63.8471, 75.7794,
105.8695

Harmonies

Analogous

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



31.7863, 31.3292, 30.5748



30.8519, 31.3292, 28.4658



29.6514, 31.3292, 27.8342

Triad

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



30.8519, 31.3292, 28.4658



27.4961, 31.3292, 34.4751



31.0764, 31.3292, 40.0559

Complementary

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



30.8519, 31.3292, 28.4658



28.8281, 31.2303, 40.1061

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.



29.9039, 31.3292, 41.2695



30.8519, 31.3292, 28.4658



27.8551, 31.3292, 37.9124

Square

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



30.8519, 31.3292, 28.4658



27.7345, 31.3292, 31.1608



28.7283, 31.3292, 40.4598



31.9184, 31.3292, 37.2442

Rectangle

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



30.8519, 31.3292, 28.4658



28.8671, 31.3292, 28.2980



28.7283, 31.3292, 40.4598



30.7067, 31.3292, 40.6727

Sweetspot

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



30.8528, 31.3306, 28.4665



61.1484, 63.7024, 65.8795



30.4552, 28.5164, 34.5586



13.2879, 13.8241, 14.1963



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.8528, 31.3306, 28.4665



53.3337, 53.5975, 46.2426



33.0780, 35.7810, 29.2082



7.2997, 7.5378, 7.4503



13.3149, 9.2037, 1.0747



0.3256, 0.2851, 0.0379

Inverse Universe

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



28.8281, 31.2303, 40.1061



48.9438, 53.3788, 71.4758



26.7538, 27.0817, 39.4147



7.0329, 7.5247, 8.9848



8.4748, 8.7291, 28.1680



0.2228, 0.2729, 0.6068

Previews

White Background



This preview shows how the XYZ color 30.8519, 31.3292, 28.4658 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 30.8519, 31.3292, 28.4658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

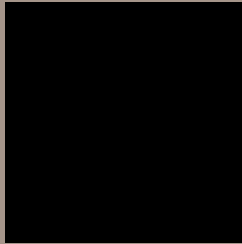
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8519, 31.3292, 28.4658

Background



This preview shows how black text looks on a background with the XYZ color 30.8519, 31.3292, 28.4658.



This preview shows how white text looks on a background with the XYZ color 30.8519, 31.3292,

28.4658.

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

30.8519, 31.3292, 28.4658

Protanopia

29.8274, 31.2664, 28.8890

Deuteranopia

32.0344, 31.4731, 28.4313



Tritanopia

32.5989, 31.3512, 36.6810

Trichromacy



Original Color

30.8519, 31.3292, 28.4658

Protanomaly

30.2645, 31.2538, 28.8636

Deuteranomaly

31.5395, 31.4498, 28.4529

Tritanomaly

31.9560, 31.3173, 33.6387

Monochromacy



Original Color

30.8519, 31.3292, 28.4658

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.4782, 31.7627, 32.5414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8519, 31.3292, 28.4658 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(165, 149, 138)` looks like.

```
.text, #text, p{  
    color:rgb(165, 149, 138)  
}
```

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(165, 149, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 149, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.8519, 31.3292, 28.4658 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(165, 149, 138) }
```


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

```
.border{ border-color:rgb(165, 149, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 149, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 149, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 149, 138);  
box-shadow:4px 4px 4px 4px rgb(165, 149,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8519, 31.3292, 28.4658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 149, 138) }
```

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

```
.background{ background-color: rgb(165,  
149, 138) }
```

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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