

Converting Colors

XYZ(30.8965, 31.3468, 33.0267)

Have a look what the booklet for
XYZ(30.8965, 31.3468, 33.0267)
contains.

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Color

**XYZ(30.8702, 31.2419,
32.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	A19595
RGB	161, 149, 149
RGB Percent	63%, 58%, 58%
CMY	0.3686, 0.4157, 0.4157
CMYK	0.00, 0.07, 0.07, 0.37
HSL	0°, 6%, 61%
HSV	0°, 7%, 63%
XYZ	30.8702, 31.2419, 32.8370
YIQ	152.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

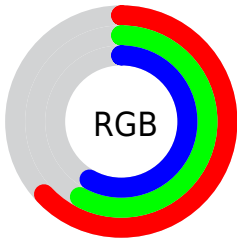
Format	Color
R_{YB}	161, 149, 149
Decimal	10589589
CIE Lab	62.71, 4.42, 1.59
CIE LCh	63, 4.696, 19.761
Yxy	31.2419, 0.3251, 0.3290
Android (android.graphics.Color)	4288779669 (0xFFFA19595)
YUV	152.5880, -1.7689, 7.3773
Hunter-Lab	55.8945, 0.7693, 4.2943

Details

The XYZ color **30.8702, 31.2419, 32.8370** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5722, 34.4519, 38.7044**, and the grayscale version is **30.1053, 31.6731, 34.4920**.

A 20% lighter version of the original color is **60.4543, 61.6226, 65.2080**, and **12.8790, 12.8684, 13.3603** is the 20% darker color. If you saturate the color by 10%, you get **27.2998, 26.0177, 25.7375**, and if you desaturate by 10%, it is **34.9720, 37.2438, 40.9911**.

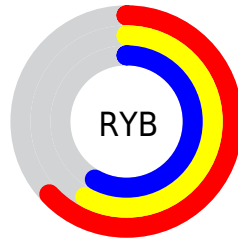
Distribution



Red (63%)

Green (58%)

Blue (58%)



Red (63%)

Yellow (58%)

Blue (58%)

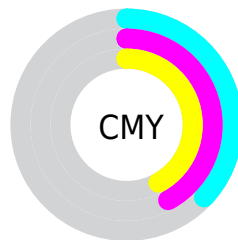


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (37%)



Cyan (37%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8702, 31.2419, 32.8370 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 30.8702, 31.2419, 32.8370 by changing the saturation by 10% instead.

■ 30.8702, 31.2419,
32.8370

■ 30.8702, 31.2419,
32.8370

297.7775,
307.6512, 329.5241

■ 20.6514, 20.7831,
21.7315

■ 60.4129, 61.6207,
65.2340

■ 12.9804, 12.9656,
13.4633

■ 80.4675, 82.3095,
87.3627

■ 7.4920, 7.4048,
7.6139

104.5313,
107.1772, 114.0028

■ 3.8207, 3.7165,
3.7647

132.9698,
136.6080, 145.5729

■ 1.6012, 1.5163,
1.4972

166.1483,
170.9864, 182.4915

■ 0.3932, 0.3002,
0.2158

204.4322,

■ 0.0000, 0.0000,

210.6968, 225.1772

0.0000

248.1868,
256.1236, 274.0486

■ 30.8702, 31.2419,
32.8370

■ 30.8702, 31.2419,
32.8370

■ 27.2998, 26.0177,
25.7375

■ 34.9720, 37.2438,
40.9911

■ 24.2367, 21.5356,
19.6477

■ 39.6230, 44.0492,
50.2384

■ 21.6586, 17.7631,
14.5223

■ 44.8434, 51.6875,
60.6177

■ 19.5406, 14.6640,
10.3119

■ 50.6514, 60.1857,
72.1656

■ 17.8558, 12.1985,
6.9627

■ 57.0646, 69.5694,
84.9169

■ 16.5742, 10.3230,
4.4153

■ 64.0998, 79.8631,
98.9051

■ 15.6621, 8.9883,
2.6027

■ 68.5081, 86.3171,
107.6579

■ 15.0805, 8.1370,
1.4470

■ 14.7655, 7.6760,
0.8211

Harmonies

Analogous

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



30.9246, 31.2419, 34.6488



30.8702, 31.2419, 32.8370



30.4982, 31.2419, 31.3918

Triad

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



30.8702, 31.2419, 32.8370



28.7631, 31.2419, 31.7864



29.4758, 31.2419, 37.6122

Complementary

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



30.8702, 31.2419, 32.8370



31.5722, 34.4519, 38.7044

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.



28.9050, 31.2419, 36.7849



30.8702, 31.2419, 32.8370



28.4974, 31.2419, 33.3932

Square

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



30.8702, 31.2419, 32.8370



29.2795, 31.2419, 30.8005



28.5490, 31.2419, 35.2252



30.1134, 31.2419, 37.4502

Rectangle

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



30.8702, 31.2419, 32.8370



30.1231, 31.2419, 30.8100



28.5490, 31.2419, 35.2252



29.2699, 31.2419, 37.4395

Sweetspot

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



30.8711, 31.2433, 32.8377



59.1443, 61.5976, 66.4780



31.8788, 31.6456, 38.1466



12.9907, 13.5378, 14.6184



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.



30.8711, 31.2433, 32.8377



54.1232, 54.2507, 56.4952



31.8445, 33.1901, 33.1621



7.0739, 7.0862, 7.3750



11.7392, 6.0524, 0.5495



0.2467, 0.1273, 0.0116

Inverse Universe

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



31.5722, 34.4519, 38.7044



55.6503, 61.2395, 69.2739



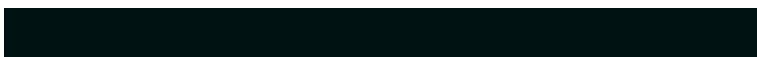
30.5492, 32.4059, 38.3634



7.2760, 8.0110, 9.0659



15.3113, 22.4020, 30.4468



0.3218, 0.4708, 0.6398

Previews

White Background



This preview shows how the XYZ color 30.8702, 31.2419, 32.8370 looks on a white background.

Color Contrast Check

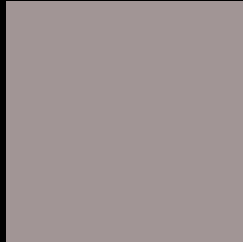
Large Text (above 18pt) WCAG AA × Fail

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 30.8702, 31.2419, 32.8370 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

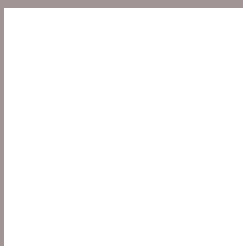
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8702, 31.2419, 32.8370

Background



This preview shows how black text looks on a background with the XYZ color 30.8702, 31.2419, 32.8370.



This preview shows how white text looks on a background with the XYZ color 30.8702, 31.2419,

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

30.8702, 31.2419, 32.8370

Protanopia

30.0892, 31.3038, 33.3105

Deuteranopia

31.7949, 31.2529, 32.7904



Tritanopia

31.5920, 31.0520, 37.1294

Trichromacy



Original Color

30.8702, 31.2419, 32.8370

Protanomaly

30.3160, 31.1828, 33.2752

Deuteranomaly

31.5318, 31.3491, 32.8228

Tritanomaly

31.4066, 31.2277, 35.3826

Monochromacy



Original Color

30.8702, 31.2419, 32.8370

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6060, 31.7914, 34.2290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8702, 31.2419, 32.8370 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(161, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(161, 149, 149)  
}
```

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(161, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 149, 149) }
```

Border

The CSS property to change the border of an element to XYZ 30.8702, 31.2419, 32.8370 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(161, 149, 149) }
```


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

```
.border{ border-color:rgb(161, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 149, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 149, 149); box-shadow:4px 4px 4px 4px rgb(161, 149, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8702, 31.2419, 32.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 149, 149) }
```

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

```
.background{ background-color: rgb(161,  
149, 149) }
```

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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