

Converting Colors

XYZ(30.5545, 29.3105, 33.0247)

Have a look what the booklet for
XYZ(30.5545, 29.3105, 33.0247)
contains.

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Color

**XYZ(30.5469, 29.2511,
32.8902)**

Conversions

Conversions Part 1

Format	Color
Hex	A58D96
RGB	165, 141, 150
RGB Percent	65%, 55%, 59%
CMY	0.3529, 0.4470, 0.4118
CMYK	0.00, 0.15, 0.09, 0.35
HSL	338°, 12%, 60%
HSV	338°, 15%, 65%
XYZ	30.5469, 29.2511, 32.8902
YIQ	149.2020, 11.4150, 7.8870

Conversions

Conversions Part 2

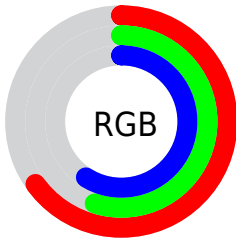
Format	Color
R_{YB}	165, 141, 150
Decimal	10849686
CIE _{Lab}	61.00, 10.58, -1.43
CIE _{LCh}	61, 10.677, 352.300
Yxy	29.2511, 0.3296, 0.3156
Android (android.graphics.Color)	4289039766 (0xFFA58D96)
YUV	149.2020, 0.3934, 13.8548
Hunter-Lab	54.0843, 6.1696, 1.8031

Details

The XYZ color **30.5469, 29.2511, 32.8902** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4415, 34.9739, 36.6003**, and the grayscale version is **28.6478, 30.1397, 32.8221**.

A 20% lighter version of the original color is **59.9294, 58.6055, 65.2801**, and **12.8033, 11.8937, 13.4253** is the 20% darker color. If you saturate the color by 10%, you get **27.4987, 24.4256, 27.9555**, and if you desaturate by 10%, it is **34.0323, 34.8334, 38.3321**.

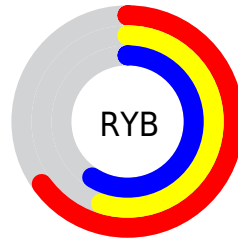
Distribution



Red (65%)

Green (55%)

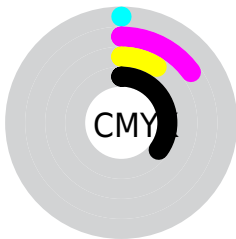
Blue (59%)



Red (65%)

Yellow (55%)

Blue (59%)

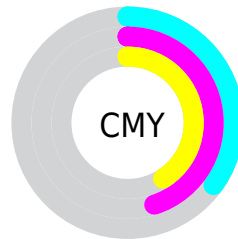


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5469, 29.2511, 32.8902 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 30.5469, 29.2511, 32.8902 by changing the saturation by 10% instead.

■ 30.5469, 29.2511,
32.8902

■ 30.5469, 29.2511,
32.8902

296.3097,
298.3979, 329.7715

■ 20.4042, 19.2709,
21.7719

■ 59.9067, 58.4758,
65.3181

■ 12.7992, 11.8662,
13.4927

■ 79.8545, 78.4890,
87.4648

■ 7.3664, 6.6526,
7.6340

■ 103.8014,
102.6154, 114.1247

■ 3.7407, 3.2458,
3.7773

132.1128,
131.2393, 145.7164

■ 1.5565, 1.2614,
1.5040

165.1539,
164.7451, 182.6584

■ 0.3638, 0.1110,
0.2209

203.2902,

■ 0.0000, 0.0000,

203.5172, 225.3692

0.0000

246.8870,
247.9400, 274.2674

■ 30.5469, 29.2511,
32.8902

■ 30.5469, 29.2511,
32.8902

■ 27.4987, 24.4256,
27.9555

■ 34.0323, 34.8334,
38.3321

■ 24.8675, 20.3203,
23.5108

■ 37.9693, 41.1992,
44.2937

■ 22.6348, 16.9014,
19.5409

■ 42.3746, 48.3789,
50.7897

■ 20.7802, 14.1307,
16.0287

■ 47.2632, 56.4000,
57.8333

■ 19.2808, 11.9666,
12.9562

■ 52.6496, 65.2886,
65.4374

■ 18.1116, 10.3621,
10.3038

■ 58.5475, 75.0697,
73.6144

■ 17.2438, 9.2636,
8.0503

■ 64.4884, 84.8039,
82.2157

■ 16.6428, 8.6060,
6.1717

■ 65.9153, 85.3747,
89.7298

■ 16.3829, 8.3457,
5.2852

■ 67.4283, 85.9799,
97.6971

Harmonies

Analogous

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



29.9797, 29.2511, 36.7835



30.5469, 29.2511, 32.8902



30.3594, 29.2511, 29.0217

Triad

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



30.5469, 29.2511, 32.8902



26.7965, 29.2511, 25.2558



26.1936, 29.2511, 38.3246

Complementary

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



30.5469, 29.2511, 32.8902



30.4415, 34.9739, 36.6003

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.



25.3930, 29.2511, 34.8552



30.5469, 29.2511, 32.8902



25.7329, 29.2511, 27.3776

Square

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



30.5469, 29.2511, 32.8902



28.1633, 29.2511, 24.8252



25.2272, 29.2511, 30.8309



27.4443, 29.2511, 40.0875

Rectangle

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



30.5469, 29.2511, 32.8902



29.8344, 29.2511, 26.9527



25.2272, 29.2511, 30.8309



25.8646, 29.2511, 37.3061

Sweetspot

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



30.5477, 29.2524, 32.8908



61.2621, 62.8876, 69.1303



29.9890, 28.8158, 39.5789



13.2879, 13.5792, 14.9516



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.



30.5477, 29.2524, 32.8908



53.1201, 49.8629, 56.3684



30.2687, 29.8097, 29.3594



7.1785, 7.1278, 7.9263



12.4164, 6.3226, 4.1173



0.2833, 0.1418, 0.2046

Inverse Universe

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



30.5477, 29.2524, 32.8908



53.1201, 49.8629, 56.3684



30.7325, 34.2912, 40.5966



7.1785, 7.1278, 7.9263



12.4164, 6.3226, 4.1173



0.2833, 0.1418, 0.2046

Previews

White Background



This preview shows how the XYZ color 30.5469, 29.2511, 32.8902 looks on a white background.

Color Contrast Check

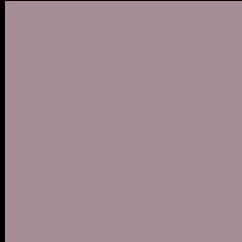
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5469, 29.2511, 32.8902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

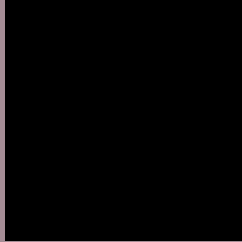
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5469, 29.2511, 32.8902

Background



This preview shows how black text looks on a background with the XYZ color 30.5469, 29.2511, 32.8902.



This preview shows how white text looks on a background with the XYZ color 30.5469, 29.2511,

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

30.5469, 29.2511, 32.8902

Protanopia

28.3962, 29.4632, 34.3273

Deuteranopia

29.8247, 29.3205, 32.9417



Tritanopia

30.7094, 29.3161, 33.7458

Trichromacy



Original Color

30.5469, 29.2511, 32.8902

Protanomaly

29.1193, 29.3878, 33.8434

Deuteranomaly

30.0783, 29.2294, 32.9107

Tritanomaly

30.6278, 29.2835, 33.3162

Monochromacy



Original Color

30.5469, 29.2511, 32.8902

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.2213, 29.6963, 32.6256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5469, 29.2511, 32.8902 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, 141, 150)` looks like.

```
.text, #text, p{  
    color:rgb(165, 141, 150)  
}
```

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, 141, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 141, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.5469, 29.2511, 32.8902 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, 141, 150) }
```


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

```
.border{ border-color:rgb(165, 141, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 141, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 141, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 141, 150);  
box-shadow:4px 4px 4px 4px rgb(165, 141,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5469, 29.2511, 32.8902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 141, 150) }
```

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

```
.background{ background-color: rgb(165,  
141, 150) }
```

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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