

Converting Colors

XYZ(30.8129, 31.1957, 31.9979)

Have a look what the booklet for
XYZ(30.8129, 31.1957, 31.9979)
contains.

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Color

**XYZ(30.9142, 31.2829,
32.0126)**

Conversions

Conversions Part 1

Format	Color
Hex	A29593
RGB	162, 149, 147
RGB Percent	64%, 58%, 58%
CMY	0.3647, 0.4157, 0.4235
CMYK	0.00, 0.08, 0.09, 0.36
HSL	8°, 7%, 61%
HSV	8°, 9%, 64%
XYZ	30.9142, 31.2829, 32.0126
YIQ	152.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

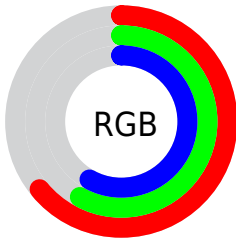
Format	Color
R _Y B	162, 149, 147
Decimal	10655123
CIE Lab	62.75, 4.43, 2.78
CIE LCh	63, 5.234, 32.074
Yxy	31.2829, 0.3281, 0.3321
Android (android.graphics.Color)	4288845203 (0xFFA29593)
YUV	152.6590, -2.7899, 8.1921
Hunter-Lab	55.9311, 0.7809, 5.2167

Details

The XYZ color **30.9142, 31.2829, 32.0126** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1248, 33.9526, 39.0958**, and the grayscale version is **30.1400, 31.7097, 34.5318**.

A 20% lighter version of the original color is **60.5138, 61.6806, 63.9745**, and **12.9558, 12.9134, 13.1190** is the 20% darker color. If you saturate the color by 10%, you get **27.6431, 26.6336, 25.0859**, and if you desaturate by 10%, it is **34.6338, 36.5419, 39.9728**.

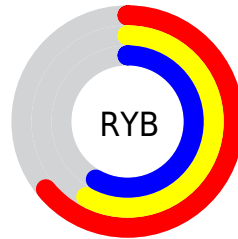
Distribution



Red (64%)

Green (58%)

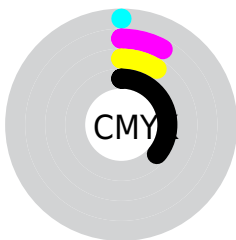
Blue (58%)



Red (64%)

Yellow (58%)

Blue (58%)

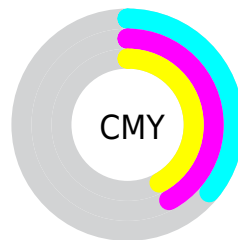


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9142, 31.2829, 32.0126 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 30.9142, 31.2829, 32.0126 by changing the saturation by 10% instead.

■ 30.9142, 31.2829,
32.0126

■ 30.9142, 31.2829,
32.0126

297.9768,
307.8395, 325.6711

■ 20.6850, 20.8144,
21.1062

■ 60.4817, 61.6852,
63.9290

■ 13.0051, 12.9884,
13.0097

■ 80.5508, 82.3877,
85.7761

■ 7.5091, 7.4205,
7.3044

104.6305,
107.2704, 112.1071

■ 3.8316, 3.7265,
3.5719

133.0863,
136.7176, 143.3407

■ 1.6073, 1.5218,
1.3935

166.2834,
171.1137, 179.8954

■ 0.3972, 0.3040,
0.1367

204.5873,

■ 0.0000, 0.0000,

210.8432, 222.1896

0.0000

248.3633,
256.2903, 270.6420

■ 30.9142, 31.2829,
32.0126

■ 30.9142, 31.2829,
32.0126

■ 27.6431, 26.6336,
25.0859

■ 34.6338, 36.5419,
39.9728

■ 24.8010, 22.5680,
19.1484

■ 38.8152, 42.4273,
49.0044

■ 22.3707, 19.0642,
14.1555

■ 43.4746, 48.9602,
59.1458

■ 20.3329, 16.0974,
10.0582

■ 48.6264, 56.1597,
70.4331

■ 18.6669, 13.6410,
6.8035

■ 54.2847, 64.0439,
82.9004

■ 17.3498, 11.6659,
4.3324

■ 60.4626, 72.6301,
96.5807

■ 16.3563, 10.1403,
2.5785

■ 66.2910, 81.5826,
106.8609

■ 15.6574, 9.0284,
1.4643

■ 68.7104, 86.4215,
107.6673

■ 15.2070, 8.2840,
0.8320

Harmonies

Analogous

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



31.1292, 31.2829, 33.9194



30.9142, 31.2829, 32.0126



30.3823, 31.2829, 30.6986

Triad

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



30.9142, 31.2829, 32.0126



28.5347, 31.2829, 32.2501



29.7833, 31.2829, 38.1518

Complementary

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



30.9142, 31.2829, 32.0126



31.1248, 33.9526, 39.0958

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.



29.0940, 31.2829, 37.6620



30.9142, 31.2829, 32.0126



28.3800, 31.2829, 34.2045

Square

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



30.9142, 31.2829, 32.0126



29.0091, 31.2829, 30.8318



28.5832, 31.2829, 36.1966



30.4698, 31.2829, 37.5097

Rectangle

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



30.9142, 31.2829, 32.0126



29.9235, 31.2829, 30.3074



28.5832, 31.2829, 36.1966



29.5442, 31.2829, 38.1140

Sweetspot

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



30.9151, 31.2843, 32.0133



60.2134, 62.5815, 66.8538



31.6795, 31.0873, 37.5888



13.4033, 13.8855, 14.7573



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.



30.9151, 31.2843, 32.0133



54.9026, 55.0621, 55.5199



32.1396, 33.7334, 32.4215



7.1465, 7.2314, 7.3992



11.9787, 6.5313, 0.6293



0.2725, 0.1789, 0.0202

Inverse Universe

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



31.1248, 33.9526, 39.0958



55.3575, 60.8500, 70.8837



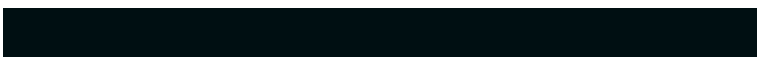
29.8642, 31.4312, 38.6755



7.1951, 7.8492, 9.0389



12.5910, 16.9614, 29.5400



0.2854, 0.3982, 0.6277

Previews

White Background



This preview shows how the XYZ color 30.9142, 31.2829, 32.0126 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 30.9142, 31.2829, 32.0126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

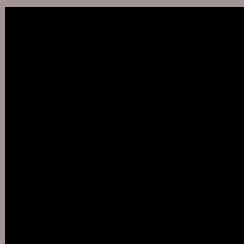
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9142, 31.2829, 32.0126

Background



This preview shows how black text looks on a background with the XYZ color 30.9142, 31.2829, 32.0126.



This preview shows how white text looks on a background with the XYZ color 30.9142, 31.2829,

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

30.9142, 31.2829, 32.0126

Protanopia

29.9295, 31.2399, 32.4694

Deuteranopia

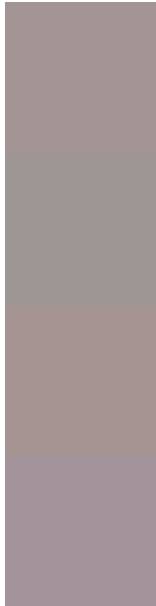
31.8486, 31.2989, 31.9664



Tritanopia

32.0016, 31.2632, 37.1486

Trichromacy



Original Color

30.9142, 31.2829, 32.0126

Protanomaly

30.3522, 31.2199, 32.4433

Deuteranomaly

31.5822, 31.3934, 31.9987

Tritanomaly

31.6106, 31.3329, 35.3921

Monochromacy



Original Color

30.9142, 31.2829, 32.0126

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.5245, 31.7588, 33.7994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9142, 31.2829, 32.0126 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(162, 149, 147)` looks like.

```
.text, #text, p{  
    color:rgb(162, 149, 147)  
}
```

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(162, 149, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 149, 147) }
```

Border

The CSS property to change the border of an element to XYZ 30.9142, 31.2829, 32.0126 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(162, 149, 147) }
```


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

```
.border{ border-color:rgb(162, 149, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 149, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 149, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 149, 147);  
box-shadow:4px 4px 4px 4px rgb(162, 149,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9142, 31.2829, 32.0126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 149, 147) }
```

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

```
.background{ background-color: rgb(162,  
149, 147) }
```

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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