

Converting Colors

XYZ(30.0770, 29.5367, 31.1700)

Have a look what the booklet for
XYZ(30.0770, 29.5367, 31.1700)
contains.

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Color

**XYZ(30.1150, 29.5068,
31.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	A38F92
RGB	163, 143, 146
RGB Percent	64%, 56%, 57%
CMY	0.3608, 0.4392, 0.4274
CMYK	0.00, 0.12, 0.10, 0.36
HSL	351°, 10%, 60%
HSV	351°, 12%, 64%
XYZ	30.1150, 29.5068, 31.3023
YIQ	149.3220, 10.9570, 5.1730

Conversions

Conversions Part 2

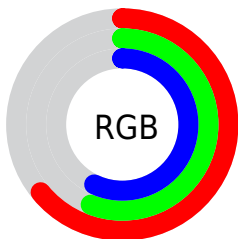
Format	Color
RYB	163, 143, 146
Decimal	10719122
CIELab	61.23, 7.99, 1.15
CIELCh	61, 8.077, 8.188
Yxy	29.5068, 0.3312, 0.3245
Android (android.graphics.Color)	4288909202 (0xFFA38F92)
YUV	149.3220, -1.6377, 11.9956
Hunter-Lab	54.3202, 3.8998, 3.8579

Details

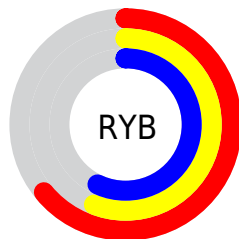
The XYZ color **30.1150, 29.5068, 31.3023** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7712, 34.5728, 38.3107**, and the grayscale version is **28.7068, 30.2018, 32.8898**.

A 20% lighter version of the original color is **59.3050, 59.0081, 62.9076**, and **12.5812, 12.0527, 12.7296** is the 20% darker color. If you saturate the color by 10%, you get **26.8303, 24.5589, 25.2077**, and if you desaturate by 10%, it is **33.8876, 35.2207, 38.2049**.

Distribution



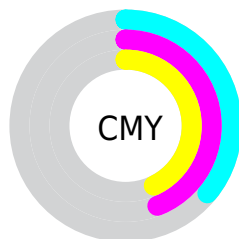
- Red (64%)
- Green (56%)
- Blue (57%)



- Red (64%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (36%)



- Cyan (36%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1150, 29.5068, 31.3023 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 30.1150, 29.5068, 31.3023 by changing the saturation by 10% instead.

■ 30.1150, 29.5068,
31.3023

■ 30.1150, 29.5068,
31.3023

294.3403,
299.5987, 322.3228

■ 20.0744, 19.4645,
20.5688

■ 59.2294, 58.8813,
62.8008

■ 12.5577, 12.0064,
12.6210

■ 79.0339, 78.9824,
84.4029

■ 7.1996, 6.7481,
7.0404

■ 102.8237,
103.2052, 110.4649

■ 3.6347, 3.3050,
3.4086

130.9642,
131.9341, 141.4054

■ 1.4976, 1.2930,
1.3068

163.8208,
165.5535, 177.6429

■ 0.3242, 0.1358,
0.0674

201.7588,

■ 0.0000, 0.0000,

204.4478, 219.5959

0.0000

245.1435,
249.0014, 267.6831

■ 30.1150, 29.5068,
31.3023

■ 30.1150, 29.5068,
31.3023

■ 26.8303, 24.5589,
25.2077

■ 33.8876, 35.2207,
38.2049

■ 24.0111, 20.3407,
19.8897

■ 38.1644, 41.7272,
45.9417

■ 21.6369, 16.8187,
15.3174

■ 42.9640, 49.0563,
54.5400

■ 19.6848, 13.9555,
11.4573

■ 48.3033, 57.2353,
64.0253

■ 18.1297, 11.7099,
8.2733

■ 54.1984, 66.2905,
74.4220

■ 16.9438, 10.0362,
5.7261

■ 60.6647, 76.2466,
85.7537

■ 16.0958, 8.8824,
3.7720

■ 67.0421, 85.7777,
97.8179

■ 15.5488, 8.1866,
2.3620

■ 68.9144, 86.5266,
107.6769

■ 15.2737, 7.8543,
1.5988

Harmonies

Analogous

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



29.9838, 29.5068, 34.3497



30.1150, 29.5068, 31.3023



29.6808, 29.5068, 28.6469

Triad

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



30.1150, 29.5068, 31.3023



26.8020, 29.5068, 27.7480



27.2936, 29.5068, 37.8677

Complementary

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



30.1150, 29.5068, 31.3023



30.7712, 34.5728, 38.3107

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.



26.4711, 29.5068, 35.8800



30.1150, 29.5068, 31.3023



26.1923, 29.5068, 30.0040

Square

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



30.1150, 29.5068, 31.3023



27.7556, 29.5068, 26.6812



26.0727, 29.5068, 32.9679



28.3371, 29.5068, 38.2696

Rectangle

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



30.1150, 29.5068, 31.3023



29.1353, 29.5068, 27.4110



26.0727, 29.5068, 32.9679



26.9829, 29.5068, 37.3570

Sweetspot

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



30.1158, 29.5081, 31.3029



59.4035, 61.1253, 66.0794



30.9314, 29.7642, 38.7654



13.2273, 13.5549, 14.6324



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.



30.1158, 29.5081, 31.3029



52.0733, 50.0367, 52.6248



30.9694, 31.5835, 30.4522



7.1150, 7.1025, 7.5922



11.8816, 6.1087, 1.3011



0.2613, 0.1330, 0.0887

Inverse Universe

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



30.1158, 29.5081, 31.3029



52.0733, 50.0367, 52.6248



29.8281, 32.2619, 39.3056



7.1150, 7.1025, 7.5922



11.8816, 6.1087, 1.3011



0.2613, 0.1330, 0.0887

Previews

White Background



This preview shows how the XYZ color 30.1150, 29.5068, 31.3023 looks on a white background.

Color Contrast Check

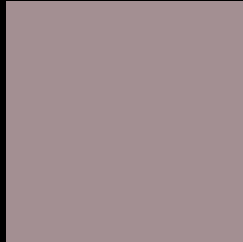
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1150, 29.5068, 31.3023 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 30.1150, 29.5068, 31.3023

Background



This preview shows how black text looks on a background with the XYZ color 30.1150, 29.5068, 31.3023.



This preview shows how white text looks on a background with the XYZ color 30.1150, 29.5068,

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

30.1150, 29.5068, 31.3023

Protanopia

28.3567, 29.4896, 32.2145

Deuteranopia

30.1150, 29.5068, 31.3023



Tritanopia

30.7326, 29.5384, 34.2187

Trichromacy



Original Color

30.1150, 29.5068, 31.3023

Protanomaly

29.0629, 29.6329, 31.7917

Deuteranomaly

30.1150, 29.5068, 31.3023

Tritanomaly

30.4879, 29.4405, 32.9299

Monochromacy



Original Color

30.1150, 29.5068, 31.3023

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.1054, 29.8756, 32.2495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1150, 29.5068, 31.3023 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(163, 143, 146)` looks like.

```
.text, #text, p{  
    color:rgb(163, 143, 146)  
}
```

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(163, 143, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 143, 146) }
```

Border

The CSS property to change the border of an element to XYZ 30.1150, 29.5068, 31.3023 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(163, 143, 146) }
```


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

```
.border{ border-color:rgb(163, 143, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 143, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 143, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 143, 146);  
box-shadow:4px 4px 4px 4px rgb(163, 143,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1150, 29.5068, 31.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 143, 146) }
```

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

```
.background{ background-color: rgb(163,  
143, 146) }
```

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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