

Converting Colors

XYZ(31.0390, 30.1736, 31.1557)

Have a look what the booklet for
XYZ(31.0390, 30.1736, 31.1557)
contains.

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Color

**XYZ(31.0204, 30.2063,
30.9835)**

Conversions

Conversions Part 1

Format	Color
Hex	A79091
RGB	167, 144, 145
RGB Percent	65%, 56%, 57%
CMY	0.3451, 0.4353, 0.4314
CMYK	0.00, 0.14, 0.13, 0.35
HSL	357°, 12%, 61%
HSV	357°, 14%, 65%
XYZ	31.0204, 30.2063, 30.9835
YIQ	150.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

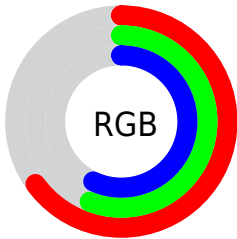
Format	Color
R_{YB}	167, 144, 145
Decimal	10981521
CIE Lab	61.83, 8.77, 2.64
CIE LCh	62, 9.157, 16.782
Yxy	30.2063, 0.3364, 0.3276
Android (android.graphics.Color)	4289171601 (0xFFA79091)
YUV	150.9910, -2.9536, 14.0399
Hunter-Lab	54.9603, 4.5676, 5.0478

Details

The XYZ color **31.0204, 30.2063, 30.9835** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2044, 36.3206, 41.3913**, and the grayscale version is **29.4204, 30.9526, 33.7074**.

A 20% lighter version of the original color is **60.6271, 60.0413, 62.4266**, and **13.1385, 12.4765, 12.5422** is the 20% darker color. If you saturate the color by 10%, you get **27.5293, 25.0586, 24.1634**, and if you desaturate by 10%, it is **35.0607, 36.1744, 38.8421**.

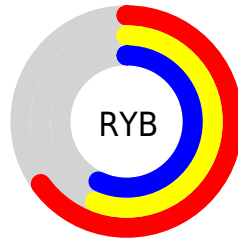
Distribution



Red (65%)

Green (56%)

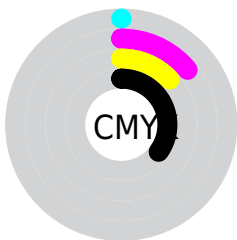
Blue (57%)



Red (65%)

Yellow (56%)

Blue (57%)

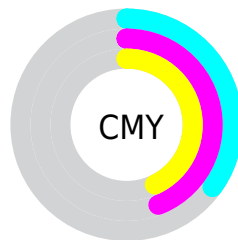


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (35%)



Cyan (35%)

Magenta (44%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0204, 30.2063, 30.9835 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 31.0204, 30.2063, 30.9835 by changing the saturation by 10% instead.

■ 31.0204, 30.2063,
30.9835

■ 31.0204, 30.2063,
30.9835

298.4575,
302.8649, 320.8111

■ 20.7663, 19.9952,
20.3279

■ 60.6478, 59.9883,
62.2934

■ 13.0648, 12.3916,
12.4472

■ 80.7518, 80.3280,
83.7847

■ 7.5505, 7.0109,
6.9228

104.8698,
104.8127, 109.7251

■ 3.8580, 3.4689,
3.3361

133.3672,
133.8267, 140.5331

■ 1.6221, 1.3812,
1.2687

166.6093,
167.7546, 176.6271

■ 0.4068, 0.2028,
0.0360

204.9615,

■ 0.0000, 0.0000,

206.9807, 218.4257

0.0000

248.7891,
251.8893, 266.3476

■ 31.0204, 30.2063,
30.9835

■ 31.0204, 30.2063,
30.9835

■ 27.5293, 25.0586,
24.1634

■ 35.0607, 36.1744,
38.8421

■ 24.5612, 20.6915,
18.3366

■ 39.6697, 42.9922,
47.7780

■ 22.0917, 17.0683,
13.4573

■ 44.8692, 50.6926,
57.8304

■ 20.0935, 14.1474,
9.4753

■ 50.6790, 59.3056,
69.0361

■ 18.5365, 11.8834,
6.3361

■ 57.1181, 68.8597,
81.4300

■ 17.3873, 10.2253,
3.9791

■ 64.2045, 79.3823,
95.0457

■ 16.6077, 9.1149,
2.3353

■ 69.7465, 86.9555,
107.7158

■ 16.1521, 8.4825,
1.3242

■ 15.9761, 8.2314,
0.9547

Harmonies

Analogous

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



31.0603, 30.2063, 34.4532



31.0204, 30.2063, 30.9835



30.3504, 30.2063, 28.2227

Triad

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



31.0204, 30.2063, 30.9835



27.0307, 30.2063, 28.4909



28.1760, 30.2063, 39.8894

Complementary

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



31.0204, 30.2063, 30.9835



32.2044, 36.3206, 41.3913

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.



27.1302, 30.2063, 38.0444



31.0204, 30.2063, 30.9835



26.4817, 30.2063, 31.3739

Square

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



31.0204, 30.2063, 30.9835



28.0367, 30.2063, 26.8552



26.5176, 30.2063, 34.8722



29.3944, 30.2063, 39.7662

Rectangle

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



31.0204, 30.2063, 30.9835



29.6470, 30.2063, 27.0816



26.5176, 30.2063, 34.8722



27.7933, 30.2063, 39.4735

Sweetspot

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



31.0212, 30.2076, 30.9841



62.5577, 64.4407, 69.1102



32.6436, 30.8286, 40.7895



13.8735, 14.2347, 15.2212



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.0212, 30.2076, 30.9841



53.2345, 50.6734, 50.9607



32.5847, 33.4570, 31.1276



7.5438, 7.5474, 7.9149



12.2298, 6.3006, 0.7557



0.3015, 0.1549, 0.0394

Inverse Universe

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



31.0212, 30.2076, 30.9841



53.2345, 50.6734, 50.9607



30.4756, 32.7161, 41.2681



7.5438, 7.5474, 7.9149



12.2298, 6.3006, 0.7557



0.3015, 0.1549, 0.0394

Previews

White Background



This preview shows how the XYZ color 31.0204, 30.2063, 30.9835 looks on a white background.

Color Contrast Check

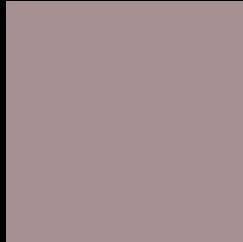
Large Text (above 18pt) WCAG AA × Fail

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 31.0204, 30.2063, 30.9835 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 31.0204, 30.2063, 30.9835

Background



This preview shows how black text looks on a background with the XYZ color 31.0204, 30.2063, 30.9835.



This preview shows how white text looks on a background with the XYZ color 31.0204, 30.2063,

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

31.0204, 30.2063, 30.9835

Protanopia

29.0416, 30.3084, 32.3364

Deuteranopia

30.9621, 30.4021, 31.0244



Tritanopia

31.8036, 30.3028, 34.7447

Trichromacy



Original Color

31.0204, 30.2063, 30.9835

Protanomaly

29.6048, 30.1421, 31.8614

Deuteranomaly

30.9621, 30.4021, 31.0244

Tritanomaly

31.5568, 30.2041, 33.4449

Monochromacy



Original Color

31.0204, 30.2063, 30.9835

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.9193, 30.5178, 32.7474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0204, 30.2063, 30.9835 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(167, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(167, 144, 145)  
}
```

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(167, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 31.0204, 30.2063, 30.9835 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(167, 144, 145) }
```


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

```
.border{ border-color:rgb(167, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(167, 144,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0204, 30.2063, 30.9835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 144, 145) }
```

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

```
.background{ background-color: rgb(167,  
144, 145) }
```

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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