

Converting Colors

XYZ(31.0146, 30.6216, 32.7111)

Have a look what the booklet for
XYZ(31.0146, 30.6216, 32.7111)
contains.

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Color

**XYZ(31.0135, 30.6202,
32.7095)**

Conversions

Conversions Part 1

Format	Color
Hex	A49295
RGB	164, 146, 149
RGB Percent	64%, 57%, 58%
CMY	0.3569, 0.4274, 0.4157
CMYK	0.00, 0.11, 0.09, 0.36
HSL	350°, 9%, 61%
HSV	350°, 11%, 64%
XYZ	31.0135, 30.6202, 32.7095
YIQ	151.7240, 9.7650, 4.7490

Conversions

Conversions Part 2

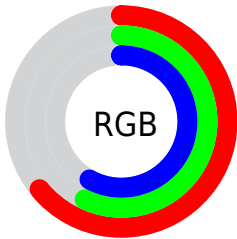
Format	Color
RYB	164, 146, 149
Decimal	10785429
CIELab	62.19, 7.22, 0.86
CIELCh	62, 7.267, 6.760
Yxy	30.6202, 0.3287, 0.3246
Android (android.graphics.Color)	4288975509 (0xFFA49295)
YUV	151.7240, -1.3429, 10.7661
Hunter-Lab	55.3355, 3.2054, 3.6878

Details

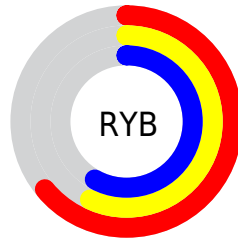
The XYZ color **31.0135, 30.6202, 32.7095** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5637, 35.2358, 38.8574**, and the grayscale version is **29.7294, 31.2777, 34.0614**.

A 20% lighter version of the original color is **60.6472, 60.6804, 65.0160**, and **13.0696, 12.6923, 13.3163** is the 20% darker color. If you saturate the color by 10%, you get **27.6366, 25.5113, 26.5121**, and if you desaturate by 10%, it is **34.8829, 36.5084, 39.7038**.

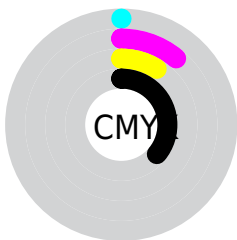
Distribution



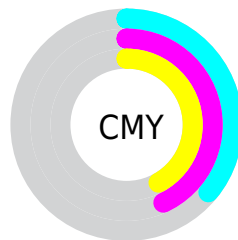
- Red (64%)
- Green (57%)
- Blue (58%)



- Red (64%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (36%)





- Cyan (36%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0135, 30.6202, 32.7095 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 31.0135, 30.6202, 32.7095 by changing the saturation by 10% instead.


 31.0135, 30.6202,
32.7095


 31.0135, 30.6202,
32.7095


298.4263,
304.7848, 328.9305

 20.7610, 20.3098,
21.6347

 60.6370, 60.6416,
65.0325

 13.0609, 12.6204,
13.3930

 80.7388, 81.1214,
87.1178

 7.5478, 7.1677,
7.5658


104.8543,
105.7599, 113.7103

 3.8563, 3.5672,
3.7346

133.3490,
134.9413, 145.2286

 1.6212, 1.4345,
1.4809

166.5882,
169.0501, 182.0912

 0.4062, 0.2420,
0.2037

204.9372,

 0.0000, 0.0000,

208.4707, 224.7167

0.0000

248.7615,
253.5874, 273.5236

■ 31.0135, 30.6202,
32.7095

■ 31.0135, 30.6202,
32.7095

■ 27.6366, 25.5113,
26.5121

■ 34.8829, 36.5084,
39.7038

■ 24.7299, 21.1452,
21.0812

■ 39.2609, 43.2023,
47.5199

■ 22.2730, 17.4884,
16.3875

■ 44.1659, 50.7324,
56.1841

■ 20.2433, 14.5032,
12.3989

■ 49.6149, 59.1260,
65.7210

■ 18.6159, 12.1487,
9.0811

■ 55.6239, 68.4095,
76.1541

■ 17.3635, 10.3793,
6.3965

■ 62.2083, 78.6079,
87.5060

■ 16.4552, 9.1432,
4.3043

■ 67.5030, 85.9858,
99.1719

■ 15.8551, 8.3795,
2.7582

■ 69.1199, 86.6326,
107.6865

■ 15.5114, 7.9732,
1.7774

Harmonies

Analogous

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



30.8680, 30.6202, 35.5133



31.0135, 30.6202, 32.7095



30.6381, 30.6202, 30.2163

Triad

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



31.0135, 30.6202, 32.7095



27.9913, 30.6202, 29.2044



28.3670, 30.6202, 38.5440

Complementary

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



31.0135, 30.6202, 32.7095



31.5637, 35.2358, 38.8574

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.



27.6212, 30.6202, 36.6723



31.0135, 30.6202, 32.7095



27.4077, 30.6202, 31.2576

Square

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



31.0135, 30.6202, 32.7095



28.8825, 30.6202, 28.2673



27.2737, 30.6202, 33.9789



29.3258, 30.6202, 38.9863

Rectangle

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



31.0135, 30.6202, 32.7095



30.1478, 30.6202, 29.0308



27.2737, 30.6202, 33.9789



28.0837, 30.6202, 38.0563

Sweetspot

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



31.0144, 30.6215, 32.7102



61.7801, 63.9236, 69.3028



31.6786, 30.8166, 39.4007



13.3822, 13.7859, 14.9274



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.



31.0144, 30.6215, 32.7102



54.8266, 53.3546, 56.6940



31.7273, 32.4254, 31.7823



7.1197, 7.1043, 7.6166



11.9059, 6.1184, 1.4289



0.2629, 0.1337, 0.0973

Inverse Universe

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



31.0144, 30.6215, 32.7102



54.8266, 53.3546, 56.6940



30.7828, 33.2460, 39.9169



7.1197, 7.1043, 7.6166



11.9059, 6.1184, 1.4289



0.2629, 0.1337, 0.0973

Previews

White Background



This preview shows how the XYZ color 31.0135, 30.6202, 32.7095 looks on a white background.

Color Contrast Check

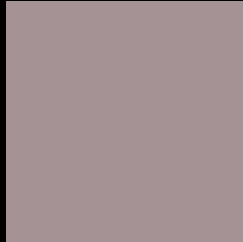
Large Text (above 18pt) WCAG AA × Fail

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 31.0135, 30.6202, 32.7095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

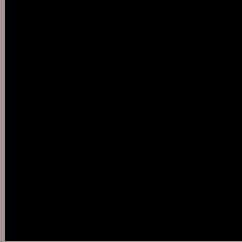
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.0135, 30.6202, 32.7095

Background



This preview shows how black text looks on a background with the XYZ color 31.0135, 30.6202, 32.7095.



This preview shows how white text looks on a background with the XYZ color 31.0135, 30.6202,

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

31.0135, 30.6202, 32.7095

Protanopia

29.6291, 30.8194, 33.6653

Deuteranopia

31.2207, 30.7270, 32.7192



Tritanopia

31.6432, 30.6504, 35.7008

Trichromacy



Original Color

31.0135, 30.6202, 32.7095

Protanomaly

30.1571, 30.8650, 33.2223

Deuteranomaly

31.2207, 30.7270, 32.7192

Tritanomaly

31.3922, 30.5500, 34.3792

Monochromacy



Original Color

31.0135, 30.6202, 32.7095

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2026, 31.1150, 33.6921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0135, 30.6202, 32.7095 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(164, 146, 149)` looks like.

```
.text, #text, p{  
    color:rgb(164, 146, 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(164, 146, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 146, 149) }
```

Border

The CSS property to change the border of an element to XYZ 31.0135, 30.6202, 32.7095 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(164, 146, 149) }
```


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

```
.border{ border-color:rgb(164, 146, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 146, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 146, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 146, 149);  
box-shadow:4px 4px 4px 4px rgb(164, 146,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0135, 30.6202, 32.7095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 146, 149) }
```

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

```
.background{ background-color: rgb(164,  
146, 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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