

Converting Colors

XYZ(29.0918, 31.1657, 52.3074)

Have a look what the booklet for
XYZ(29.0918, 31.1657, 52.3074)
contains.

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Color

**XYZ(28.9449, 31.0271,
52.0402)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9ABC
RGB	124, 154, 188
RGB Percent	49%, 60%, 74%
CMY	0.5137, 0.3961, 0.2627
CMYK	0.34, 0.18, 0.00, 0.26
HSL	212°, 32%, 61%
HSV	212°, 34%, 74%
XYZ	28.9449, 31.0271, 52.0402
YIQ	148.9060, -28.7940, 4.2140

Conversions

Conversions Part 2

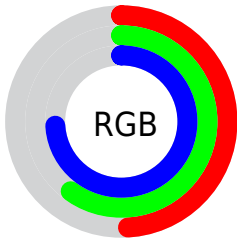
Format	Color
RYB	124, 144, 188
Decimal	8166076
CIELab	62.53, -2.10, -20.97
CIELCh	63, 21.078, 264.283
Yxy	31.0271, 0.2584, 0.2770
Android (android.graphics.Color)	4286356156 (0xFF7C9ABC)
YUV	148.9060, 19.2733, -21.8426
Hunter-Lab	55.7020, -4.7230, -16.4010

Details

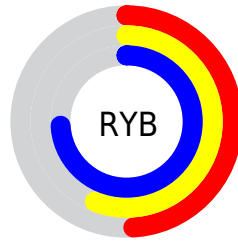
The XYZ color **28.9449, 31.0271, 52.0402** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.6046, 36.6010, 24.2053**, and the grayscale version is **28.4586, 29.9407, 32.6054**.

A 20% lighter version of the original color is **57.2451, 61.1084, 94.3659**, and **11.8959, 12.8275, 24.7706** is the 20% darker color. If you saturate the color by 10%, you get **24.9024, 26.5976, 51.3988**, and if you desaturate by 10%, it is **33.6446, 36.0004, 52.7530**.

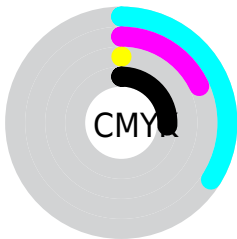
Distribution



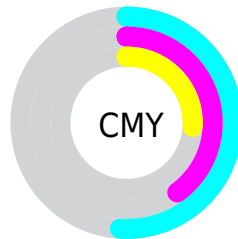
- Red (49%)
- Green (60%)
- Blue (74%)



- Red (49%)
- Yellow (56%)
- Blue (74%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)
- Black (26%)



- Cyan (51%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9449, 31.0271, 52.0402 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 28.9449, 31.0271, 52.0402 by changing the saturation by 10% instead.

■ 28.9449, 31.0271,
52.0402

■ 28.9449, 31.0271,
52.0402

288.9538,
306.6631, 411.5531

■ 19.1832, 20.6195,
36.6547

■ 57.3877, 61.2827,
94.6177

■ 11.9075, 12.8461,
24.6465

■ 76.7995, 81.8995,
122.6468

■ 6.7525, 7.3227,
15.5973

■ 100.1588,
106.6882, 155.7274

■ 3.3527, 3.6647,
9.0884

127.8308,
136.0331, 194.2781

■ 1.3429, 1.4878,
4.7013

160.1809,
170.3187, 238.7175

■ 0.2150, 0.2801,
2.0174

197.5746,

■ 0.0000, 0.0000,

209.9293, 289.4642

0.5660

240.3771,
255.2493, 346.9365

■ 0.0000, 0.0000,
0.0000

■ 28.9449, 31.0271,
52.0402

■ 28.9449, 31.0271,
52.0402

■ 24.9024, 26.5976,
51.3988

■ 33.6446, 36.0004,
52.7530

■ 21.4811, 22.6864,
50.8242

■ 39.0287, 41.5342,
53.5373

■ 18.6462, 19.2711,
50.3144

■ 45.1268, 47.6490,
54.3962

■ 16.3577, 16.3256,
49.8665

■ 51.9656, 54.3632,
55.3317

■ 14.5697, 13.8208,
49.4773

■ 59.5702, 61.6939,
56.3459

■ 13.2276, 11.7228,
49.1430

■ 67.9648, 69.6578,
57.4406

■ 12.5774, 10.6312,
48.9666

■ 76.9498, 78.1561,
58.6074

■ 79.7120, 83.6805,
59.5282

■ 82.6345, 89.5255,
60.5023

Harmonies

Analogous

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



26.3896, 31.0271, 48.2809



28.9449, 31.0271, 52.0402



31.8144, 31.0271, 50.3027

Triad

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



28.9449, 31.0271, 52.0402



34.8026, 31.0271, 27.7012



25.2397, 31.0271, 25.3840

Complementary

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



28.9449, 31.0271, 52.0402



36.6046, 36.6010, 24.2053

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.



27.2822, 31.0271, 21.3455



28.9449, 31.0271, 52.0402



32.8249, 31.0271, 22.5239

Square

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



28.9449, 31.0271, 52.0402



35.3188, 31.0271, 35.3795



30.0426, 31.0271, 20.3901



24.3412, 31.0271, 32.2357

Rectangle

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



28.9449, 31.0271, 52.0402



33.5065, 31.0271, 46.3844



30.0426, 31.0271, 20.3901



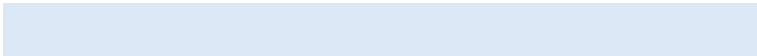
25.8086, 31.0271, 23.6999

Sweetspot

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



28.9459, 31.0283, 52.0409



74.8621, 79.4440, 97.6148



32.3877, 42.6888, 38.4618



15.7720, 16.7550, 20.9453



90.7827, 95.5105, 104.0109



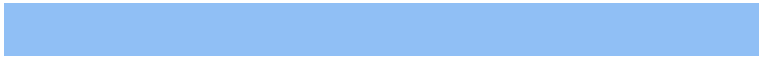
18.6292, 19.5994, 21.3438

Same Dimension

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



28.9459, 31.0283, 52.0409



46.7639, 50.0202, 93.4163



24.7529, 22.4122, 50.5988



9.3753, 9.9429, 12.0972



8.6364, 7.3845, 33.3631



0.4038, 0.4202, 1.3287

Inverse Universe

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



33.7803, 27.4408, 34.0892



57.0822, 43.2369, 54.9049



42.0992, 47.9787, 26.1118



9.7113, 9.6088, 10.8686



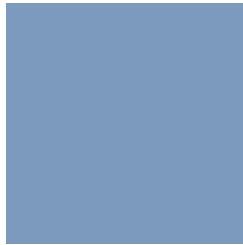
15.3600, 7.7752, 7.1894



0.6347, 0.3178, 0.4557

Previews

White Background



This preview shows how the XYZ color 28.9449, 31.0271, 52.0402 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 28.9449, 31.0271, 52.0402 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

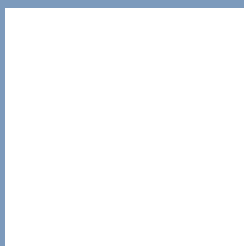
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9449, 31.0271, 52.0402

Background



This preview shows how black text looks on a background with the XYZ color 28.9449, 31.0271, 52.0402.

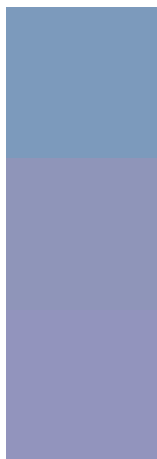


This preview shows how white text looks on a background with the XYZ color 28.9449, 31.0271,

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

28.9449, 31.0271, 52.0402

Protanopia

30.8321, 30.8373, 50.2261

Deuteranopia

31.6293, 30.9649, 52.4539



Tritanopia

27.0584, 31.0093, 42.5895

Trichromacy



Original Color

28.9449, 31.0271, 52.0402

Protanomaly

30.0829, 30.9126, 50.8356

Deuteranomaly

30.5729, 30.8901, 52.4951

Tritanomaly

27.7094, 31.0162, 46.1213

Monochromacy



Original Color

28.9449, 31.0271, 52.0402

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.4927, 30.3530, 39.0073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9449, 31.0271, 52.0402 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(124, 154, 188)` looks like.

```
.text, #text, p{  
    color:rgb(124, 154, 188)  
}
```

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(124, 154, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 154, 188) }
```

Border

The CSS property to change the border of an element to XYZ 28.9449, 31.0271, 52.0402 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(124, 154, 188) }
```


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

```
.border{ border-color:rgb(124, 154, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 154, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 154, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 154, 188);  
box-shadow:4px 4px 4px 4px rgb(124, 154,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9449, 31.0271, 52.0402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 154, 188) }
```

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

```
.background{ background-color: rgb(124,  
154, 188) }
```

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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