

Converting Colors

XYZ(29.0008, 28.9541, 51.0392)

Have a look what the booklet for
XYZ(29.0008, 28.9541, 51.0392)
contains.

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Color

**XYZ(28.9266, 28.9070,
51.0687)**

Conversions

Conversions Part 1

Format	Color
Hex	8691BB
RGB	134, 145, 187
RGB Percent	53%, 57%, 73%
CMY	0.4745, 0.4314, 0.2667
CMYK	0.28, 0.22, 0.00, 0.27
HSL	228°, 28%, 63%
HSV	228°, 28%, 73%
XYZ	28.9266, 28.9070, 51.0687
YIQ	146.4990, -20.0380, 10.7300

Conversions

Conversions Part 2

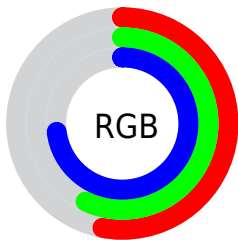
Format	Color
RYB	134, 143, 187
Decimal	8819131
CIELab	60.70, 5.72, -23.15
CIElCh	61, 23.848, 283.882
Yxy	28.9070, 0.2656, 0.2654
Android (android.graphics.Color)	4287009211 (0xFF8691BB)
YUV	146.4990, 19.9670, -10.9616
Hunter-Lab	53.7652, 1.9469, -18.6807

Details

The XYZ color **28.9266, 28.9070, 51.0687** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.3225, 43.3372, 28.7950**, and the grayscale version is **27.4536, 28.8834, 31.4540**.

A 20% lighter version of the original color is **57.3401, 58.0093, 92.9688**, and **11.9626, 11.7446, 24.1907** is the 20% darker color. If you saturate the color by 10%, you get **24.0870, 23.2676, 50.2358**, and if you desaturate by 10%, it is **34.5905, 35.4111, 52.0261**.

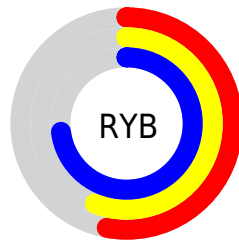
Distribution



Red (53%)

Green (57%)

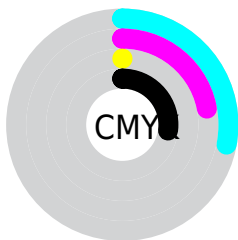
Blue (73%)



Red (53%)

Yellow (56%)

Blue (73%)

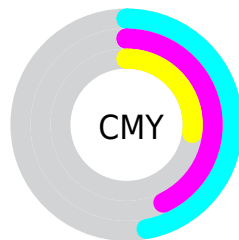


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (43%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9266, 28.9070, 51.0687 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 28.9266, 28.9070, 51.0687 by changing the saturation by 10% instead.

■ 28.9266, 28.9070,
51.0687

■ 28.9266, 28.9070,
51.0687

288.8689,
296.7759, 407.6848

■ 19.1693, 19.0105,
35.8862

■ 57.3588, 57.9293,
93.1689

■ 11.8974, 11.6779,
24.0573

■ 76.7644, 77.8239,
120.9236

■ 6.7456, 6.5247,
15.1635

■ 100.1169,
101.8199, 153.7061

■ 3.3484, 3.1667,
8.7863

127.7815,
130.3018, 191.9350

■ 1.3406, 1.2194,
4.5072

160.1237,
163.6539, 236.0287

■ 0.2133, 0.0774,
1.9075

197.5087,

■ 0.0000, 0.0000,

202.2608, 286.4059

0.4975

240.3020,
246.5066, 343.4851

■ 0.0000, 0.0000,
0.0000

■ 28.9266, 28.9070,
51.0687

■ 28.9266, 28.9070,
51.0687

■ 24.0870, 23.2676,
50.2358

■ 34.5905, 35.4111,
52.0261

■ 20.0297, 18.4525,
49.5202

■ 41.1123, 42.8113,
53.1107

■ 16.7134, 14.4230,
48.9172

■ 48.5272, 51.1414,
54.3278

■ 14.0915, 11.1361,
48.4210

■ 56.8675, 60.4325,
55.6816

■ 12.1119, 8.5441,
48.0250

■ 66.1640, 70.7142,
57.1762

■ 10.7148, 6.5933,
47.7221

■ 76.4459, 82.0150,
58.8155

■ 9.8109, 5.2126,
47.5032

■ 84.0033, 92.4351,
60.4285

■ 9.6891, 5.0267,
47.4738

■ 85.9697, 96.3679,
61.0840

Harmonies

Analogous

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



25.8574, 28.9070, 50.8316



28.9266, 28.9070, 51.0687



31.8062, 28.9070, 45.4127

Triad

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



28.9266, 28.9070, 51.0687



31.9875, 28.9070, 21.0852



22.1499, 28.9070, 26.9802

Complementary

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



28.9266, 28.9070, 51.0687



40.3225, 43.3372, 28.7950

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.



23.5564, 28.9070, 20.7276



28.9266, 28.9070, 51.0687



29.1592, 28.9070, 17.7864

Square

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



28.9266, 28.9070, 51.0687



33.6610, 28.9070, 27.5635



26.0733, 28.9070, 17.6691



22.0979, 28.9070, 35.7396

Rectangle

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



28.9266, 28.9070, 51.0687



33.1671, 28.9070, 39.5819



26.0733, 28.9070, 17.6691



22.4749, 28.9070, 24.5580

Sweetspot

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



28.9275, 28.9081, 51.0694



72.6333, 75.5471, 94.9553



35.3913, 43.7251, 47.3991



15.6010, 16.1912, 20.8455



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.



28.9275, 28.9081, 51.0694



46.2571, 45.3241, 90.5118



29.8931, 27.0302, 50.6560



9.1727, 9.5377, 12.0297



6.7189, 3.5495, 32.7239



0.3110, 0.2347, 1.2978

Inverse Universe

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



34.1303, 29.6603, 30.7154



57.1886, 47.1968, 47.6805



39.0837, 46.0312, 29.3803



9.6090, 9.5679, 10.3300



14.3922, 7.3880, 2.0928



0.5879, 0.2991, 0.2091

Previews

White Background



This preview shows how the XYZ color 28.9266, 28.9070, 51.0687 looks on a white background.

Color Contrast Check

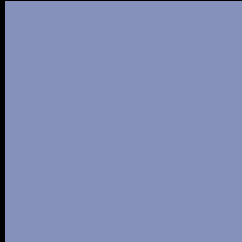
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9266, 28.9070, 51.0687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

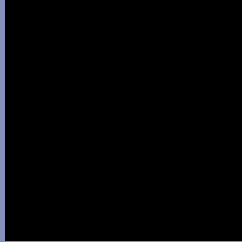
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9266, 28.9070, 51.0687

Background



This preview shows how black text looks on a background with the XYZ color 28.9266, 28.9070, 51.0687.



This preview shows how white text looks on a background with the XYZ color 28.9266, 28.9070,

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

28.9266, 28.9070, 51.0687

Protanopia

29.0867, 28.9896, 51.0762

Deuteranopia

29.5904, 29.0233, 51.0562



Tritanopia

26.4812, 29.0885, 38.4013

Trichromacy



Original Color

28.9266, 28.9070, 51.0687

Protanomaly

29.0867, 28.9896, 51.0762

Deuteranomaly

29.2594, 28.8527, 51.0407

Tritanomaly

27.3007, 28.9454, 42.6762

Monochromacy



Original Color

28.9266, 28.9070, 51.0687

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.9558, 28.9172, 38.2906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9266, 28.9070, 51.0687 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(134, 145, 187)` looks like.

```
.text, #text, p{  
    color:rgb(134, 145, 187)  
}
```

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(134, 145, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 145, 187) }
```

Border

The CSS property to change the border of an element to XYZ 28.9266, 28.9070, 51.0687 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(134, 145, 187) }
```


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

```
.border{ border-color:rgb(134, 145, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 145, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 145, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 145, 187);  
box-shadow:4px 4px 4px 4px rgb(134, 145,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9266, 28.9070, 51.0687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 145, 187) }
```

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

```
.background{ background-color: rgb(134,  
145, 187) }
```

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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