

Converting Colors

XYZ(28.9427, 31.5974, 47.3554)

Have a look what the booklet for
XYZ(28.9427, 31.5974, 47.3554)
contains.

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Color

**XYZ(28.9272, 31.6208,
47.2266)**

Conversions

Conversions Part 1

Format	Color
Hex	809CB3
RGB	128, 156, 179
RGB Percent	50%, 61%, 70%
CMY	0.4980, 0.3882, 0.2980
CMYK	0.28, 0.13, 0.00, 0.30
HSL	207°, 25%, 60%
HSV	207°, 28%, 70%
XYZ	28.9272, 31.6208, 47.2266
YIQ	150.2500, -24.0710, 1.2170

Conversions

Conversions Part 2

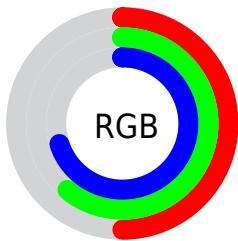
Format	Color
R _Y B	128, 146, 179
Decimal	8428723
CIE Lab	63.03, -4.31, -15.14
CIE LCh	63, 15.740, 254.094
Yxy	31.6208, 0.2684, 0.2934
Android (android.graphics.Color)	4286618803 (0xFF809CB3)
YUV	150.2500, 14.1738, -19.5132
Hunter-Lab	56.2324, -6.5822, -10.4319

Details

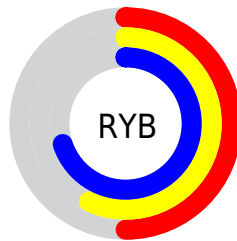
The XYZ color **28.9272, 31.6208, 47.2266** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5536, 33.2756, 25.0772**, and the grayscale version is **29.0453, 30.5579, 33.2776**.

A 20% lighter version of the original color is **57.3334, 62.0364, 87.5497**, and **11.8780, 13.1873, 21.6580** is the 20% darker color. If you saturate the color by 10%, you get **25.1590, 27.7345, 46.6756**, and if you desaturate by 10%, it is **33.2624, 35.9346, 47.8313**.

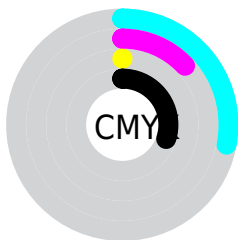
Distribution



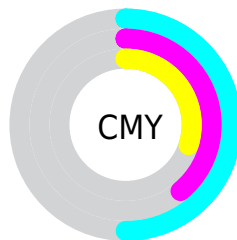
- Red (50%)
- Green (61%)
- Blue (70%)



- Red (50%)
- Yellow (57%)
- Blue (70%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (30%)



- Cyan (50%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9272, 31.6208, 47.2266 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 28.9272, 31.6208, 47.2266 by changing the saturation by 10% instead.

■ 28.9272, 31.6208,
47.2266

■ 28.9272, 31.6208,
47.2266

288.8717,
309.3882, 392.1382

■ 19.1698, 21.0720,
32.8592

■ 57.3598, 62.2161,
87.4053

■ 11.8977, 13.1767,
21.7484

■ 76.7656, 83.0315,
114.0537

■ 6.7458, 7.5503,
13.4756

■ 100.1183,
108.0379, 145.6328

■ 3.3485, 3.8086,
7.6223

127.7831,
137.6196, 182.5611

■ 1.3406, 1.5671,
3.7699

160.1256,
172.1611, 225.2573

■ 0.2133, 0.3352,
1.5000

197.5109,

■ 0.0000, 0.0000,

212.0468, 274.1399

0.2179

240.3045,
257.6610, 329.6273

■ 0.0000, 0.0000,
0.0000

■ 28.9272, 31.6208,
47.2266

■ 28.9272, 31.6208,
47.2266

■ 25.1590, 27.7345,
46.6756

■ 33.2624, 35.9346,
47.8313

■ 21.9281, 24.2555,
46.1744

■ 38.1864, 40.6873,
48.4891

■ 19.2065, 21.1674,
45.7218

■ 43.7235, 45.8947,
49.2024

■ 16.9622, 18.4511,
45.3157

■ 49.8956, 51.5704,
49.9726

■ 15.1591, 16.0851,
44.9541

■ 56.7236, 57.7274,
50.8012

■ 13.7551, 14.0447,
44.6343

■ 64.2273, 64.3784,
51.6895

■ 12.6799, 12.2907,
44.3524

■ 72.4256, 71.5352,
52.6388

■ 12.5308, 12.0428,
44.3124

■ 75.1222, 76.0056,
53.3595

■ 77.2997, 80.3605,
54.0853

Harmonies

Analogous

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



27.1606, 31.6208, 43.4174



28.9272, 31.6208, 47.2266



31.0806, 31.6208, 47.3473

Triad

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



28.9272, 31.6208, 47.2266



34.2792, 31.6208, 31.6052



27.2478, 31.6208, 26.5515

Complementary

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



28.9272, 31.6208, 47.2266



33.5536, 33.2756, 25.0772

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.



29.0515, 31.6208, 24.1053



28.9272, 31.6208, 47.2266



33.1472, 31.6208, 26.7766

Square

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



28.9272, 31.6208, 47.2266



34.2420, 31.6208, 37.8044



31.2110, 31.6208, 24.1824



26.2233, 31.6208, 31.2620

Rectangle

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



28.9272, 31.6208, 47.2266



32.4510, 31.6208, 45.2860



31.2110, 31.6208, 24.1824



27.7792, 31.6208, 25.4638

Sweetspot

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



28.9282, 31.6221, 47.2273



67.7735, 72.2814, 86.7608



30.6047, 39.0627, 35.1844



14.7208, 15.7325, 19.1831



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.9282, 31.6221, 47.2273



47.5848, 52.3092, 83.9699



25.0954, 23.9566, 45.9497



8.4157, 8.9777, 10.7956



8.9205, 8.6413, 31.3348



0.3380, 0.3865, 1.0050

Inverse Universe

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



32.3111, 27.4231, 35.0441



54.7288, 44.0038, 58.1155



38.1010, 42.3702, 26.5929



8.6850, 8.5807, 9.8398



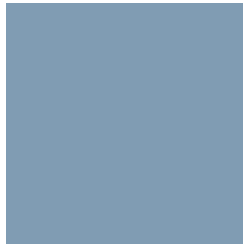
14.7373, 7.4125, 9.0426



0.4926, 0.2448, 0.4368

Previews

White Background



This preview shows how the XYZ color 28.9272, 31.6208, 47.2266 looks on a white background.

Color Contrast Check

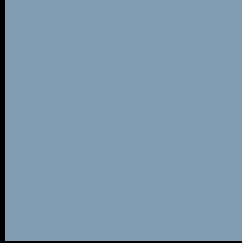
Large Text (above 18pt) WCAG AA × Fail

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 28.9272, 31.6208, 47.2266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

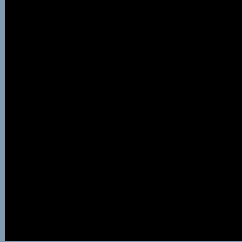
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

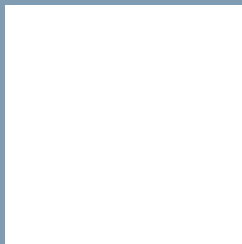
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9272, 31.6208, 47.2266

Background



This preview shows how black text looks on a background with the XYZ color 28.9272, 31.6208, 47.2266.



This preview shows how white text looks on a background with the XYZ color 28.9272, 31.6208,

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

28.9272, 31.6208, 47.2266

Protanopia

31.1158, 31.5637, 45.5267

Deuteranopia

32.2248, 31.6034, 48.1177



Tritanopia

27.9169, 31.4518, 42.6296

Trichromacy



Original Color

28.9272, 31.6208, 47.2266

Protanomaly

30.3115, 31.6195, 46.1006

Deuteranomaly

30.9681, 31.6811, 47.6629

Tritanomaly

28.3522, 31.6431, 44.1486

Monochromacy



Original Color

28.9272, 31.6208, 47.2266

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.8166, 30.7805, 38.1406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9272, 31.6208, 47.2266 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(128, 156, 179)` looks like.

```
.text, #text, p{  
    color:rgb(128, 156, 179)  
}
```

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(128, 156, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 156, 179) }
```

Border

The CSS property to change the border of an element to XYZ 28.9272, 31.6208, 47.2266 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(128, 156, 179) }
```


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

```
.border{ border-color:rgb(128, 156, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 156, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 156, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 156, 179);  
box-shadow:4px 4px 4px 4px rgb(128, 156,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9272, 31.6208, 47.2266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 156, 179) }
```

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

```
.background{ background-color: rgb(128,  
156, 179) }
```

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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