

Converting Colors

XYZ(27.6923, 27.4160, 49.1797)

Have a look what the booklet for
XYZ(27.6923, 27.4160, 49.1797)
contains.

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Color

**XYZ(27.6923, 27.4160,
49.1797)**

Conversions

Conversions Part 1

Format	Color
Hex	848DB8
RGB	132, 141, 184
RGB Percent	52%, 55%, 72%
CMY	0.4823, 0.4470, 0.2784
CMYK	0.28, 0.23, 0.00, 0.28
HSL	230°, 27%, 62%
HSV	230°, 28%, 72%
XYZ	27.6923, 27.4160, 49.1797
YIQ	143.2110, -19.1670, 11.4650

Conversions

Conversions Part 2

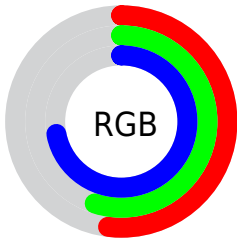
Format	Color
R _Y B	132, 140, 184
Decimal	8687032
CIE Lab	59.36, 6.65, -23.53
CIE LCh	59, 24.448, 285.791
Yxy	27.4160, 0.2655, 0.2629
Android (android.graphics.Color)	4286877112 (0xFF848DB8)
YUV	143.2110, 20.1090, -9.8320
Hunter-Lab	52.3603, 2.7745, -19.0363

Details

The XYZ color **27.6923, 27.4160, 49.1797** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.2623, 42.5164, 27.9677**, and the grayscale version is **26.1211, 27.4814, 29.9272**.

A 20% lighter version of the original color is **55.4930, 55.7606, 90.2762**, and **11.2312, 10.8702, 22.9789** is the 20% darker color. If you saturate the color by 10%, you get **22.9734, 21.8791, 48.3601**, and if you desaturate by 10%, it is **33.2287, 33.8332, 50.1270**.

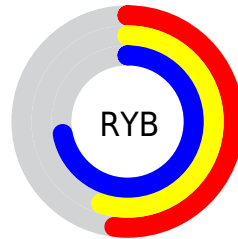
Distribution



Red (52%)

Green (55%)

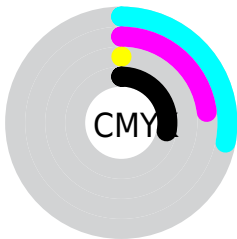
Blue (72%)



Red (52%)

Yellow (55%)

Blue (72%)

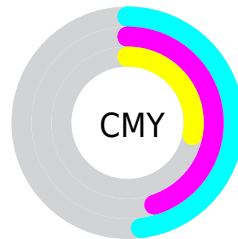


Cyan (28%)

Magenta (23%)

Yellow (0%)

Black (28%)



Cyan (48%)

Magenta (45%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6923, 27.4160, 49.1797 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 27.6923, 27.4160, 49.1797 by changing the saturation by 10% instead.

■ 27.6923, 27.4160,
49.1797

■ 27.6923, 27.4160,
49.1797

283.1005,
289.6657, 400.0921

■ 18.2331, 17.8859,
34.3954

■ 55.4049, 55.5507,
90.3420

■ 11.2182, 10.8681,
22.9177

■ 74.3890, 74.9241,
117.5572

■ 6.2822, 5.9782,
14.3280

■ 97.2788, 98.3473,
149.7531

■ 3.0597, 2.8318,
8.2078

124.4396,
126.2049, 187.3482

■ 1.1854, 1.0446,
4.1385

156.2369,
158.8811, 230.7611

■ 0.0948, 0.0000,
1.7017

193.0359,

■ 0.0000, 0.0000,

196.7604, 280.4104

0.3619

235.2019,
240.2271, 336.7146

■ 0.0000, 0.0000,
0.0000

■ 27.6923, 27.4160,
49.1797

■ 27.6923, 27.4160,
49.1797

■ 22.9734, 21.8791,
48.3601

■ 33.2287, 33.8332,
50.1270

■ 19.0301, 17.1804,
47.6610

■ 39.6165, 41.1636,
51.2053

■ 15.8209, 13.2793,
47.0772

■ 46.8907, 49.4426,
52.4199

■ 13.2993, 10.1306,
46.6023

■ 55.0836, 58.7026,
53.7754

■ 11.4131, 7.6842,
46.2296

■ 64.2261, 68.9745,
55.2762

■ 10.1023, 5.8835,
45.9511

■ 74.3474, 80.2878,
56.9265

■ 9.2783, 4.6541,
45.7572

■ 83.3083, 91.5536,
58.6287

■ 9.1643, 4.4857,
45.7307

■ 85.6518, 96.2407,
59.4099

Harmonies

Analogous

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



24.6403, 27.4160, 49.3479



27.6923, 27.4160, 49.1797



30.5073, 27.4160, 43.2103

Triad

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



27.6923, 27.4160, 49.1797



30.3799, 27.4160, 19.3284



20.7602, 27.4160, 25.9032

Complementary

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



27.6923, 27.4160, 49.1797



39.2623, 42.5164, 27.9677

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.



22.0639, 27.4160, 19.5757



27.6923, 27.4160, 49.1797



27.5292, 27.4160, 16.3144

Square

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



27.6923, 27.4160, 49.1797



32.1399, 27.4160, 25.4965



24.4895, 27.4160, 16.3950



20.7964, 27.4160, 34.6759

Rectangle

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



27.6923, 27.4160, 49.1797



31.8014, 27.4160, 37.3083



24.4895, 27.4160, 16.3950



21.0516, 27.4160, 23.4608

Sweetspot

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



27.6932, 27.4171, 49.1803



71.9713, 74.7981, 92.8488



34.3424, 42.2613, 46.6311



15.1184, 15.6709, 19.9496



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.6932, 27.4171, 49.1803



44.6354, 43.1860, 88.1878



29.2010, 26.3035, 48.8859



8.6434, 8.9641, 11.3541



6.3529, 3.1655, 31.5292



0.2629, 0.1895, 1.1245

Inverse Universe

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



32.8269, 28.6167, 28.9939



55.5709, 45.9859, 45.1329



37.3552, 44.2212, 28.3973



9.0664, 9.0369, 9.6970



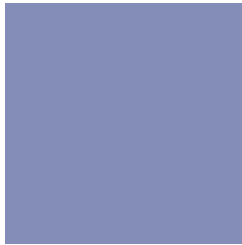
13.8203, 7.1019, 1.6748



0.5069, 0.2582, 0.1626

Previews

White Background



This preview shows how the XYZ color 27.6923, 27.4160, 49.1797 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 27.6923, 27.4160, 49.1797 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 27.6923, 27.4160, 49.1797

Background



This preview shows how black text looks on a background with the XYZ color 27.6923, 27.4160, 49.1797.



This preview shows how white text looks on a background with the XYZ color 27.6923, 27.4160,

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

27.6923, 27.4160, 49.1797

Protanopia

27.6923, 27.4160, 49.1797

Deuteranopia

28.0215, 27.3678, 49.1530



Tritanopia

24.9689, 27.4277, 35.8764

Trichromacy



Original Color

27.6923, 27.4160, 49.1797

Protanomaly

27.6923, 27.4160, 49.1797

Deuteranomaly

27.8613, 27.2852, 49.1455

Tritanomaly

25.8504, 27.3257, 40.4711

Monochromacy



Original Color

27.6923, 27.4160, 49.1797

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4920, 27.3036, 36.2216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6923, 27.4160, 49.1797 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(132, 141, 184)` looks like.

```
.text, #text, p{  
    color:rgb(132, 141, 184)  
}
```

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(132, 141, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 141, 184) }
```

Border

The CSS property to change the border of an element to XYZ 27.6923, 27.4160, 49.1797 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(132, 141, 184) }
```


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

```
.border{ border-color:rgb(132, 141, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 141, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 141, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 141, 184);  
box-shadow:4px 4px 4px 4px rgb(132, 141,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6923, 27.4160, 49.1797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 141, 184) }
```

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

```
.background{ background-color: rgb(132,  
141, 184) }
```

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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