

Converting Colors

XYZ(28.1683, 27.6613, 49.2019)

Have a look what the booklet for XYZ(28.1683, 27.6613, 49.2019) contains.

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Color

**XYZ(28.1683, 27.6613,
49.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	878DB8
RGB	135, 141, 184
RGB Percent	53%, 55%, 72%
CMY	0.4706, 0.4470, 0.2784
CMYK	0.27, 0.23, 0.00, 0.28
HSL	233°, 26%, 63%
HSV	233°, 27%, 72%
XYZ	28.1683, 27.6613, 49.2019
YIQ	144.1080, -17.3790, 12.1010

Conversions

Conversions Part 2

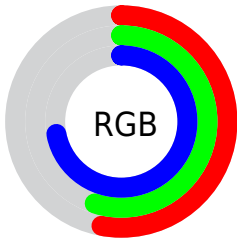
Format	Color
R_{YB}	135, 140, 184
Decimal	8883640
CIE Lab	59.58, 7.58, -23.16
CIE LCh	60, 24.369, 288.111
Yxy	27.6613, 0.2682, 0.2634
Android (android.graphics.Color)	4287073720 (0xFF878DB8)
YUV	144.1080, 19.6668, -7.9877
Hunter-Lab	52.5940, 3.5615, -18.6502

Details

The XYZ color **28.1683, 27.6613, 49.2019** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.0613, 43.7809, 29.2618**, and the grayscale version is **26.4817, 27.8608, 30.3405**.

A 20% lighter version of the original color is **56.2295, 56.1403, 90.3106**, and **11.4940, 11.0057, 22.9912** is the 20% darker color. If you saturate the color by 10%, you get **23.2500, 21.8459, 48.3391**, and if you desaturate by 10%, it is **33.9471, 34.4369, 50.2056**.

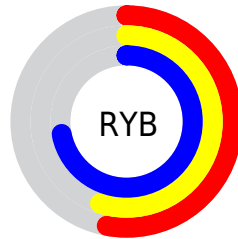
Distribution



Red (53%)

Green (55%)

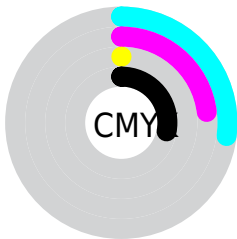
Blue (72%)



Red (53%)

Yellow (55%)

Blue (72%)

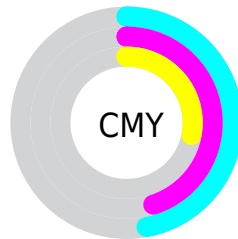


Cyan (27%)

Magenta (23%)

Yellow (0%)

Black (28%)



Cyan (47%)

Magenta (45%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1683, 27.6613, 49.2019 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 28.1683, 27.6613, 49.2019 by changing the saturation by 10% instead.

■ 28.1683, 27.6613,
49.2019

■ 28.1683, 27.6613,
49.2019

285.3358,
290.8449, 400.1819

■ 18.5937, 18.0705,
34.4129

■ 56.1598, 55.9432,
90.3753

■ 11.4793, 11.0006,
22.9311

■ 75.3074, 75.4032,
117.5969

■ 6.4599, 6.0673,
14.3378

■ 98.3766, 98.9216,
149.7997

■ 3.1700, 2.8860,
8.2146

125.7329,
126.8829, 187.4024

■ 1.2443, 1.0725,
4.1428

157.7417,
159.6715, 230.8234

■ 0.1409, 0.0000,
1.7040

194.7681,

■ 0.0000, 0.0000,

197.6718, 280.4813

0.3635

237.1777,
241.2681, 336.7946

■ 0.0000, 0.0000,
0.0000

■ 28.1683, 27.6613,
49.2019

■ 28.1683, 27.6613,
49.2019

■ 23.2500, 21.8459,
48.3391

■ 33.9471, 34.4369,
50.2056

■ 19.1483, 16.9439,
47.6091

■ 40.6223, 42.2101,
51.3542

■ 15.8194, 12.9096,
47.0059

■ 48.2309, 51.0203,
52.6537

■ 13.2143, 9.6919,
46.5221

■ 56.8069, 60.9039,
54.1094

■ 11.2781, 7.2342,
46.1498

■ 66.3829, 71.8952,
55.7263

■ 9.9482, 5.4728,
45.8799

■ 76.9897, 84.0275,
57.5090

■ 9.1441, 4.3300,
45.7017

■ 85.3435, 95.6241,
59.3071

■ 8.9490, 4.0551,
45.6589

■ 85.6518, 96.2407,
59.4098

Harmonies

Analogous

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



25.0944, 27.6613, 49.8633



28.1683, 27.6613, 49.2019



30.9325, 27.6613, 42.8676

Triad

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



28.1683, 27.6613, 49.2019



30.4306, 27.6613, 19.2095



20.9301, 27.6613, 26.7699

Complementary

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



28.1683, 27.6613, 49.2019



40.0613, 43.7809, 29.2618

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.



22.1391, 27.6613, 20.1866



28.1683, 27.6613, 49.2019



27.5255, 27.6613, 16.4251

Square

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



28.1683, 27.6613, 49.2019



32.3070, 27.6613, 25.1652



24.4995, 27.6613, 16.7440



21.0728, 27.6613, 35.6824

Rectangle

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



28.1683, 27.6613, 49.2019



32.1546, 27.6613, 36.8671



24.4995, 27.6613, 16.7440



21.1878, 27.6613, 24.2481

Sweetspot

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



28.1692, 27.6624, 49.2025



71.7112, 74.2781, 92.7621



35.1153, 42.6254, 48.2166



15.0532, 15.5405, 19.9278



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.



28.1692, 27.6624, 49.2025



45.6137, 43.7128, 88.2379



30.4471, 27.5587, 49.0625



8.6074, 8.8920, 11.3421



6.1964, 2.8524, 31.4771



0.2475, 0.1586, 1.1193

Inverse Universe

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



33.2396, 29.4423, 29.1314



56.4137, 47.6593, 45.4516



37.2472, 44.1414, 29.4797



9.0482, 9.0296, 9.6011



13.7413, 7.0703, 1.2587



0.4991, 0.2551, 0.1216

Previews

White Background



This preview shows how the XYZ color 28.1683, 27.6613, 49.2019 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 28.1683, 27.6613, 49.2019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

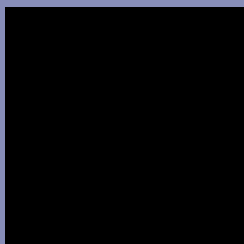
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

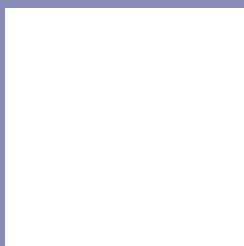
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1683, 27.6613, 49.2019

Background



This preview shows how black text looks on a background with the XYZ color 28.1683, 27.6613, 49.2019.



This preview shows how white text looks on a background with the XYZ color 28.1683, 27.6613,

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

28.1683, 27.6613, 49.2019

Protanopia

27.9457, 27.7543, 49.7832

Deuteranopia

28.3299, 27.7447, 49.2095



Tritanopia

25.5706, 27.7379, 35.9045

Trichromacy



Original Color

28.1683, 27.6613, 49.2019

Protanomaly

28.1028, 27.8353, 49.7905

Deuteranomaly

28.3299, 27.7447, 49.2095

Tritanomaly

26.4640, 27.6421, 40.4999

Monochromacy



Original Color

28.1683, 27.6613, 49.2019

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.0650, 27.8108, 36.7424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1683, 27.6613, 49.2019 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(135, 141, 184)` looks like.

```
.text, #text, p{  
    color:rgb(135, 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(135, 141, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 141, 184) }
```

Border

The CSS property to change the border of an element to XYZ 28.1683, 27.6613, 49.2019 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(135, 141, 184) }
```


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

```
.border{ border-color:rgb(135, 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(135, 141, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 141, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 141, 184);  
box-shadow:4px 4px 4px 4px rgb(135, 141,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1683, 27.6613, 49.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 141, 184) }
```

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

```
.background{ background-color: rgb(135,  
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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