

Converting Colors

XYZ(27.1137, 27.3185, 41.8252)

Have a look what the booklet for
XYZ(27.1137, 27.3185, 41.8252)
contains.

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Color

**XYZ(27.0971, 27.2704,
41.8658)**

Conversions

Conversions Part 1

Format	Color
Hex	898DAA
RGB	137, 141, 170
RGB Percent	54%, 55%, 67%
CMY	0.4627, 0.4470, 0.3333
CMYK	0.19, 0.17, 0.00, 0.33
HSL	233°, 16%, 60%
HSV	233°, 19%, 67%
XYZ	27.0971, 27.2704, 41.8658
YIQ	143.1100, -11.6930, 8.1710

Conversions

Conversions Part 2

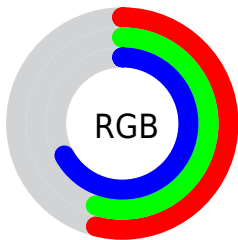
Format	Color
R _Y B	137, 141, 170
Decimal	9014698
CIE Lab	59.22, 4.84, -15.74
CIE LCh	59, 16.463, 287.086
Yxy	27.2704, 0.2816, 0.2834
Android (android.graphics.Color)	4287204778 (0xFF898DAA)
YUV	143.1100, 13.2568, -5.3585
Hunter-Lab	52.2211, 1.2354, -10.9782

Details

The XYZ color **27.0971, 27.2704, 41.8658** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.7294, 37.6246, 29.0994**, and the grayscale version is **26.1051, 27.4646, 29.9089**.

A 20% lighter version of the original color is **54.5916, 55.5428, 79.0777**, and **10.9416, 10.8164, 18.6506** is the 20% darker color. If you saturate the color by 10%, you get **22.4708, 21.8337, 41.0607**, and if you desaturate by 10%, it is **32.4613, 33.5299, 42.7917**.

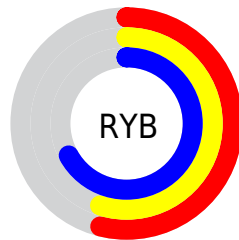
Distribution



Red (54%)

Green (55%)

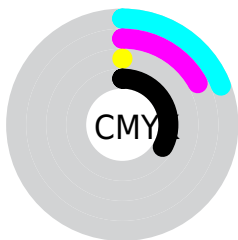
Blue (67%)



Red (54%)

Yellow (55%)

Blue (67%)

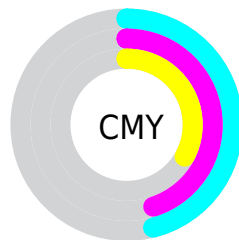


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (45%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0971, 27.2704, 41.8658 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 27.0971, 27.2704, 41.8658 by changing the saturation by 10% instead.

■ 27.0971, 27.2704,
41.8658

■ 27.0971, 27.2704,
41.8658

280.2859,
288.9640, 369.7096

■ 17.7831, 17.7764,
28.6714

■ 54.4584, 55.3175,
79.2644

■ 10.8931, 10.7896,
18.5890

■ 73.2365, 74.6393,
104.3057

■ 6.0618, 5.9255,
11.1999

■ 95.9000, 98.0059,
134.1330

■ 2.9237, 2.7998,
6.0856

122.8142,
125.8017, 169.1650

■ 1.1135, 1.0282,
2.8276

154.3446,
158.4110, 209.8201

■ 0.0364, 0.0000,
1.0073

190.8564,

■ 0.0000, 0.0000,

196.2182, 256.5168

0.0000

232.7151,
239.6077, 309.6738

■ 27.0971, 27.2704,
41.8658

■ 27.0971, 27.2704,
41.8658

■ 22.4708, 21.8337,
41.0607

■ 32.4613, 33.5299,
42.7917

■ 18.5477, 17.1823,
40.3697

■ 38.5912, 40.6412,
43.8413

■ 15.2936, 13.2807,
39.7881

■ 45.5162, 48.6356,
45.0194

■ 12.6711, 10.0894,
39.3103

■ 53.2635, 57.5423,
46.3302

■ 10.6384, 7.5651,
38.9302

■ 61.8589, 67.3887,
47.7777

■ 9.1491, 5.6599,
38.6410

■ 71.3271, 78.2013,
49.3657

■ 8.1493, 4.3190,
38.4348

■ 81.3221, 89.8150,
51.0806

■ 7.5456, 3.4634,
38.3015

■ 84.2558, 95.6823,
52.0585

■ 7.5169, 3.4246,
38.2955

Harmonies

Analogous

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



25.0473, 27.2704, 42.1342



27.0971, 27.2704, 41.8658



28.9202, 27.2704, 38.0768

Triad

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



27.0971, 27.2704, 41.8658



28.7021, 27.2704, 22.1575



22.2586, 27.2704, 27.2367

Complementary

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



27.0971, 27.2704, 41.8658



34.7294, 37.6246, 29.0994

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.



23.1343, 27.2704, 22.6398



27.0971, 27.2704, 41.8658



26.8122, 27.2704, 19.9788

Square

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



27.0971, 27.2704, 41.8658



29.8798, 27.2704, 26.4930



24.7769, 27.2704, 20.1428



22.3259, 27.2704, 33.1405

Rectangle

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



27.0971, 27.2704, 41.8658



29.7291, 27.2704, 34.3166



24.7769, 27.2704, 20.1428



22.4504, 27.2704, 25.5042

Sweetspot

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



27.0979, 27.2715, 41.8664



62.4134, 64.9229, 78.2437



31.5381, 36.8069, 41.3270



13.7670, 14.3022, 17.4227



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.0979, 27.2715, 41.8664



45.6456, 45.3530, 75.3501



28.6146, 27.1932, 41.7714



7.2024, 7.4417, 9.4751



5.5526, 2.5654, 28.1780



0.1567, 0.1056, 0.6928

Inverse Universe

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



30.3316, 28.3612, 29.0761



52.5450, 47.7403, 48.0465



32.9715, 37.8151, 29.2288



7.5668, 7.5566, 8.0357



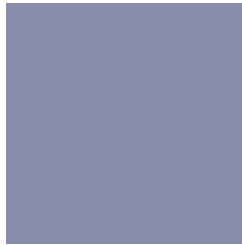
12.3033, 6.3300, 1.1428



0.3102, 0.1584, 0.0853

Previews

White Background



This preview shows how the XYZ color 27.0971, 27.2704, 41.8658 looks on a white background.

Color Contrast Check

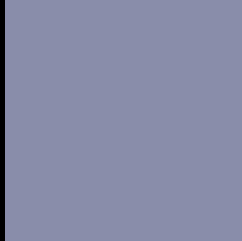
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0971, 27.2704, 41.8658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

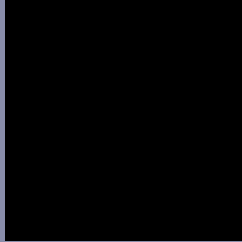
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0971, 27.2704, 41.8658

Background



This preview shows how black text looks on a background with the XYZ color 27.0971, 27.2704, 41.8658.



This preview shows how white text looks on a background with the XYZ color 27.0971, 27.2704,

41.8658.

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

27.0971, 27.2704, 41.8658

Protanopia

26.9339, 27.1863, 41.8581

Deuteranopia

27.8160, 27.2072, 41.8157



Tritanopia

25.7212, 27.3814, 34.9398

Trichromacy



Original Color

27.0971, 27.2704, 41.8658

Protanomaly

26.9339, 27.1863, 41.8581

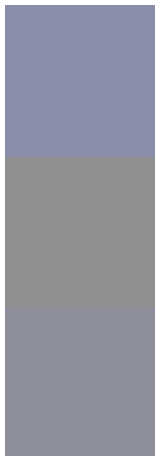
Deuteranomaly

27.6183, 27.3212, 41.8481

Tritanomaly

26.1593, 27.3339, 37.1549

Monochromacy



Original Color

27.0971, 27.2704, 41.8658

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4073, 27.3086, 34.0163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0971, 27.2704, 41.8658 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(137, 141, 170)` looks like.

```
.text, #text, p{  
    color:rgb(137, 141, 170)  
}
```

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(137, 141, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 141, 170) }
```

Border

The CSS property to change the border of an element to XYZ 27.0971, 27.2704, 41.8658 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(137, 141, 170) }
```


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

```
.border{ border-color:rgb(137, 141, 170) }
```

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

Here you see how a box with a 4 pixel rgb(137, 141, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 141, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 141, 170);  
box-shadow:4px 4px 4px 4px rgb(137, 141,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0971, 27.2704, 41.8658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 141, 170) }
```

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

```
.background{ background-color: rgb(137,  
141, 170) }
```

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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