

Converting Colors

XYZ(27.6871, 26.4639, 62.6803)

Have a look what the booklet for
XYZ(27.6871, 26.4639, 62.6803)
contains.

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Color

**XYZ(27.6871, 26.4639,
62.6803)**

Conversions

Conversions Part 1

Format	Color
Hex	758ACF
RGB	117, 138, 207
RGB Percent	46%, 54%, 81%
CMY	0.5412, 0.4588, 0.1882
CMYK	0.43, 0.33, 0.00, 0.19
HSL	226°, 48%, 64%
HSV	226°, 43%, 81%
XYZ	27.6871, 26.4639, 62.6803
YIQ	139.5870, -34.6650, 17.0070

Conversions

Conversions Part 2

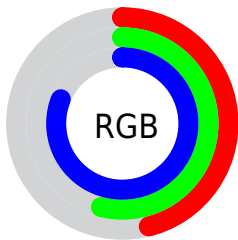
Format	Color
R _Y B	117, 134, 207
Decimal	7703247
CIE Lab	58.47, 10.44, -37.97
CIE LCh	58, 39.378, 285.369
Yxy	26.4639, 0.2370, 0.2265
Android (android.graphics.Color)	4285893327 (0xFF758ACF)
YUV	139.5870, 33.2346, -19.8088
Hunter-Lab	51.4431, 6.0448, -36.2312

Details

The XYZ color **27.6871, 26.4639, 62.6803** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.5029, 49.6688, 23.9669**, and the grayscale version is **24.6531, 25.9370, 28.2454**.

A 20% lighter version of the original color is **53.6941, 53.2523, 102.0565**, and **11.1438, 10.2706, 31.1008** is the 20% darker color. If you saturate the color by 10%, you get **23.0943, 20.9599, 61.8605**, and if you desaturate by 10%, it is **33.2295, 32.9523, 63.6411**.

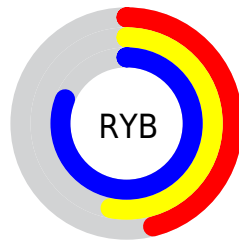
Distribution



Red (46%)

Green (54%)

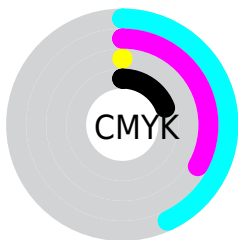
Blue (81%)



Red (46%)

Yellow (53%)

Blue (81%)

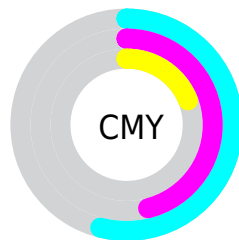


Cyan (43%)

Magenta (33%)

Yellow (0%)

Black (19%)



Cyan (54%)

Magenta (46%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6871, 26.4639, 62.6803 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 27.6871, 26.4639, 62.6803 by changing the saturation by 10% instead.

■ 27.6871, 26.4639,
62.6803

■ 27.6871, 26.4639,
62.6803

283.0760,
285.0520, 452.4843

■ 18.2292, 17.1710,
45.1433

■ 55.3966, 54.0224,
110.2893

■ 11.2153, 10.3565,
31.2265

■ 74.3790, 73.0568,
141.1983

■ 6.2802, 5.6360,
20.5115

■ 97.2668, 96.1071,
177.4018

■ 3.0585, 2.6250,
12.5796

124.4255,
123.5578, 219.3182

■ 1.1848, 0.9393,
7.0124

156.2204,
155.7932, 267.3661

■ 0.0943, 0.0000,
3.3913

193.0169,

■ 0.0000, 0.0000,

193.1978, 321.9641

1.2977

235.1803,
236.1559, 383.5306

■ 0.0000, 0.0000,
0.0599

■ 0.0000, 0.0000,
0.0000

■ 27.6871, 26.4639,
62.6803

■ 27.6871, 26.4639,
62.6803

■ 23.0943, 20.9599,
61.8605

■ 33.2295, 32.9523,
63.6411

■ 19.3928, 16.3875,
61.1730

■ 39.7693, 40.4683,
64.7471

■ 16.5222, 12.6931,
60.6112

■ 47.3546, 49.0562,
66.0050

■ 14.4127, 9.8161,
60.1671

■ 56.0293, 58.7565,
67.4201

■ 12.9822, 7.6867,
59.8315

■ 65.8348, 69.6077,
68.9978

■ 12.3318, 6.6434,
59.6644

■ 76.8104, 81.6465,
70.7430

■ 86.4074, 93.5746,
72.5396

■ 88.2626, 97.2850,
73.1580

Harmonies

Analogous

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



22.8868, 26.4639, 62.8289



27.6871, 26.4639, 62.6803



32.3323, 26.4639, 51.7395

Triad

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



27.6871, 26.4639, 62.6803



32.2327, 26.4639, 13.7667



17.2178, 26.4639, 22.6239

Complementary

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



27.6871, 26.4639, 62.6803



46.5029, 49.6688, 23.9669

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.



19.1241, 26.4639, 13.9149



27.6871, 26.4639, 62.6803



27.5644, 26.4639, 10.0227

Square

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



27.6871, 26.4639, 62.6803



35.1759, 26.4639, 22.3441



22.7787, 26.4639, 10.0665



17.2418, 26.4639, 36.4274

Rectangle

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



27.6871, 26.4639, 62.6803



34.5405, 26.4639, 41.3354



22.7787, 26.4639, 10.0665



17.6423, 26.4639, 19.1182

Sweetspot

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



27.6881, 26.4649, 62.6809



76.3097, 79.0887, 105.8514



38.5128, 51.9535, 54.4534



15.7176, 16.2348, 22.5552



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.6881, 26.4649, 62.6809



37.5796, 34.2804, 99.2439



28.6094, 22.8915, 61.9427



11.3844, 11.8590, 14.9326



7.8302, 4.3071, 37.6111



0.5001, 0.3654, 2.1237

Inverse Universe

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



36.6817, 27.8241, 27.4829



54.0266, 37.5886, 34.6918



45.0530, 55.9780, 25.2611



11.9202, 11.8528, 12.8553



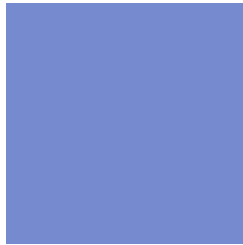
16.5831, 8.5061, 2.7107



0.9586, 0.4882, 0.3171

Previews

White Background



This preview shows how the XYZ color 27.6871, 26.4639, 62.6803 looks on a white background.

Color Contrast Check

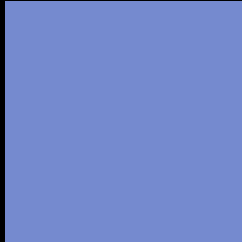
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6871, 26.4639, 62.6803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

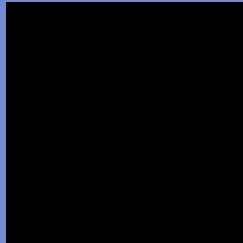
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6871, 26.4639, 62.6803

Background



This preview shows how black text looks on a background with the XYZ color 27.6871, 26.4639, 62.6803.



This preview shows how white text looks on a background with the XYZ color 27.6871, 26.4639,

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

27.6871, 26.4639, 62.6803

Protanopia

27.6871, 26.4639, 62.6803

Deuteranopia

27.1772, 26.4150, 62.6977



Tritanopia

22.4006, 26.3137, 36.6993

Trichromacy



Original Color

27.6871, 26.4639, 62.6803

Protanomaly

27.6871, 26.4639, 62.6803

Deuteranomaly

27.4345, 26.5476, 62.7097

Tritanomaly

24.1164, 26.3323, 44.8859

Monochromacy



Original Color

27.6871, 26.4639, 62.6803

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.4492, 26.0511, 38.8090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6871, 26.4639, 62.6803 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(117, 138, 207)` looks like.

```
.text, #text, p{  
    color:rgb(117, 138, 207)  
}
```

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(117, 138, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 138, 207) }
```

Border

The CSS property to change the border of an element to XYZ 27.6871, 26.4639, 62.6803 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(117, 138, 207) }
```


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

```
.border{ border-color:rgb(117, 138, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 138, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 138, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 138, 207);  
box-shadow:4px 4px 4px 4px rgb(117, 138,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6871, 26.4639, 62.6803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 138, 207) }
```

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

```
.background{ background-color: rgb(117,  
138, 207) }
```

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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