

Converting Colors

XYZ(27.6674, 30.4800, 41.8945)

Have a look what the booklet for
XYZ(27.6674, 30.4800, 41.8945)
contains.

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Color

**XYZ(27.7703, 30.6429,
41.9871)**

Conversions

Conversions Part 1

Format	Color
Hex	819AA9
RGB	129, 154, 169
RGB Percent	51%, 60%, 66%
CMY	0.4941, 0.3961, 0.3373
CMYK	0.24, 0.09, 0.00, 0.34
HSL	202°, 19%, 58%
HSV	202°, 24%, 66%
XYZ	27.7703, 30.6429, 41.9871
YIQ	148.2350, -19.7150, -0.6350

Conversions

Conversions Part 2

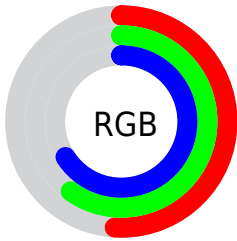
Format	Color
RYB	129, 144, 169
Decimal	8493737
CIELab	62.21, -5.31, -10.74
CIELCh	62, 11.978, 243.685
Yxy	30.6429, 0.2766, 0.3052
Android (android.graphics.Color)	4286683817 (0xFF819AA9)
YUV	148.2350, 10.2371, -16.8691
Hunter-Lab	55.3560, -7.3255, -6.2218

Details

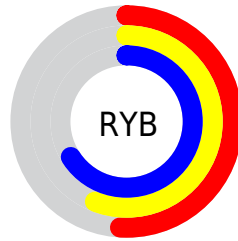
The XYZ color **27.7703, 30.6429, 41.9871** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2982, 29.9667, 24.9569**, and the grayscale version is **28.2116, 29.6808, 32.3224**.

A 20% lighter version of the original color is **55.3018, 60.4387, 79.2721**, and **11.2856, 12.6471, 18.6759** is the 20% darker color. If you saturate the color by 10%, you get **24.3942, 27.3913, 41.5379**, and if you desaturate by 10%, it is **31.6280, 34.2263, 42.4759**.

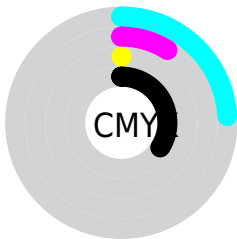
Distribution



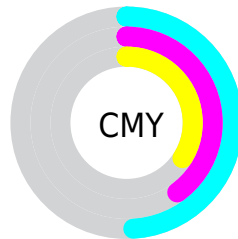
- Red (51%)
- Green (60%)
- Blue (66%)



- Red (51%)
- Yellow (56%)
- Blue (66%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)



- Cyan (49%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7703, 30.6429, 41.9871 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 27.7703, 30.6429, 41.9871 by changing the saturation by 10% instead.

■ 27.7703, 30.6429,
41.9871

■ 27.7703, 30.6429,
41.9871

283.4677,
304.8898, 370.2275

■ 18.2921, 20.3271,
28.7657

■ 55.5287, 60.6774,
79.4500

■ 11.2609, 12.6330,
18.6596

■ 74.5397, 81.1649,
104.5285

■ 6.3112, 7.1763,
11.2503

■ 97.4590, 105.8117,
134.3966

■ 3.0777, 3.5726,
6.1191

124.6520,
135.0023, 169.4726

■ 1.1950, 1.4375,
2.8477

156.4840,
169.1210, 210.1752

■ 0.1024, 0.2441,
1.0174

193.3204,

■ 0.0000, 0.0000,

208.5522, 256.9228

0.0000

235.5265,
253.6803, 310.1341

■ 27.7703, 30.6429,
41.9871

■ 27.7703, 30.6429,
41.9871

■ 24.3942, 27.3913,
41.5379

■ 31.6280, 34.2263,
42.4759

■ 21.4754, 24.4554,
41.1251

■ 35.9849, 38.1494,
43.0036

■ 18.9912, 21.8230,
40.7479

■ 40.8609, 42.4246,
43.5717

■ 16.9158, 19.4795,
40.4050

■ 46.2739, 47.0621,
44.1816

■ 15.2207, 17.4088,
40.0946

■ 52.2412, 52.0721,
44.8341

■ 13.8729, 15.5926,
39.8151

■ 58.7789, 57.4641,
45.5303

■ 12.8334, 14.0093,
39.5643

■ 65.9028, 63.2471,
46.2710

■ 12.2778, 13.0972,
39.4175

■ 70.1605, 67.6427,
46.8951

■ 71.7043, 70.7302,
47.4097

Harmonies

Analogous

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



26.6172, 30.6429, 38.5437



27.7703, 30.6429, 41.9871



29.3252, 30.6429, 43.0486

Triad

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



27.7703, 30.6429, 41.9871



32.3348, 30.6429, 32.7967



27.4368, 30.6429, 26.4992

Complementary

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



27.7703, 30.6429, 41.9871



30.2982, 29.9667, 24.9569

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.



28.9261, 30.6429, 25.2546



27.7703, 30.6429, 41.9871



31.7859, 30.6429, 28.6721

Square

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



27.7703, 30.6429, 41.9871



31.9979, 30.6429, 37.4642



30.5234, 30.6429, 26.0121



26.4297, 30.6429, 29.5761

Rectangle

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



27.7703, 30.6429, 41.9871



30.3903, 30.6429, 42.1885



30.5234, 30.6429, 26.0121



27.8956, 30.6429, 25.8663

Sweetspot

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



27.7712, 30.6441, 41.9878



61.6449, 65.8231, 76.6812



28.2504, 35.0471, 31.5287



13.3399, 14.2605, 16.7016



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.7712, 30.6441, 41.9878



46.7081, 51.9934, 74.7990



24.7866, 24.6749, 40.9929



7.5076, 8.0522, 9.5769



9.2031, 9.8664, 29.3948



0.2706, 0.3335, 0.7307

Inverse Universe

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



30.0459, 26.4694, 34.0987



51.5082, 43.5230, 58.0755



33.5411, 36.4523, 26.0378



7.7208, 7.6182, 8.8471



14.1459, 7.0671, 10.8458



0.3677, 0.1814, 0.3880

Previews

White Background



This preview shows how the XYZ color 27.7703, 30.6429, 41.9871 looks on a white background.

Color Contrast Check

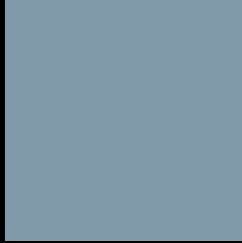
Large Text (above 18pt) WCAG AA × Fail

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 27.7703, 30.6429, 41.9871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

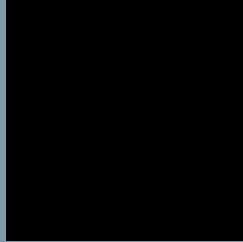
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

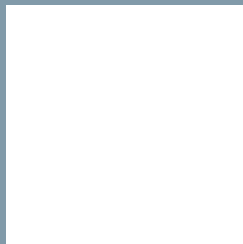
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7703, 30.6429, 41.9871

Background



This preview shows how black text looks on a background with the XYZ color 27.7703, 30.6429, 41.9871.



This preview shows how white text looks on a background with the XYZ color 27.7703, 30.6429,

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

27.7703, 30.6429, 41.9871

Protanopia

29.8431, 30.5440, 40.3991

Deuteranopia

31.1471, 30.4666, 42.7671



Tritanopia

27.5839, 30.5683, 41.0057

Trichromacy



Original Color

27.7703, 30.6429, 41.9871

Protanomaly

29.0262, 30.5860, 40.9331

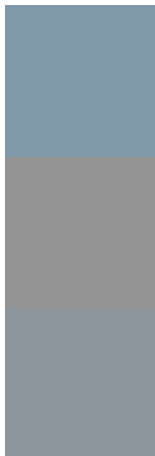
Deuteranomaly

29.8572, 30.5082, 42.3452

Tritanomaly

27.6767, 30.6055, 41.4945

Monochromacy



Original Color

27.7703, 30.6429, 41.9871

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8916, 29.8757, 35.7490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7703, 30.6429, 41.9871 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(129, 154, 169)` looks like.

```
.text, #text, p{  
    color:rgb(129, 154, 169)  
}
```

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(129, 154, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 154, 169) }
```

Border

The CSS property to change the border of an element to XYZ 27.7703, 30.6429, 41.9871 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(129, 154, 169) }
```


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

```
.border{ border-color:rgb(129, 154, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 154, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 154, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 154, 169);  
box-shadow:4px 4px 4px 4px rgb(129, 154,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7703, 30.6429, 41.9871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 154, 169) }
```

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

```
.background{ background-color: rgb(129,  
154, 169) }
```

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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