

Converting Colors

XYZ(27.6970, 28.6767, 41.9098)

Have a look what the booklet for
XYZ(27.6970, 28.6767, 41.9098)
contains.

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Color

**XYZ(27.6879, 28.6943,
42.1095)**

Conversions

Conversions Part 1

Format	Color
Hex	8892AA
RGB	136, 146, 170
RGB Percent	53%, 57%, 67%
CMY	0.4667, 0.4274, 0.3333
CMYK	0.20, 0.14, 0.00, 0.33
HSL	222°, 17%, 60%
HSV	222°, 20%, 67%
XYZ	27.6879, 28.6943, 42.1095
YIQ	145.7460, -13.6640, 5.3440

Conversions

Conversions Part 2

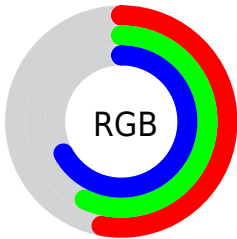
Format	Color
RYB	136, 144, 170
Decimal	8950442
CIELab	60.51, 1.66, -13.80
CIElCh	61, 13.899, 276.874
Yxy	28.6943, 0.2811, 0.2913
Android (android.graphics.Color)	4287140522 (0xFF8892AA)
YUV	145.7460, 11.9572, -8.5472
Hunter-Lab	53.5671, -1.4788, -9.1114

Details

The XYZ color **27.6879, 28.6943, 42.1095** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5925, 35.4651, 28.3681**, and the grayscale version is **27.1750, 28.5902, 31.1347**.

A 20% lighter version of the original color is **55.4801, 57.6919, 79.4457**, and **11.2906, 11.6522, 18.7936** is the 20% darker color. If you saturate the color by 10%, you get **23.3894, 23.8757, 41.4064**, and if you desaturate by 10%, it is **32.6202, 34.1293, 42.8991**.

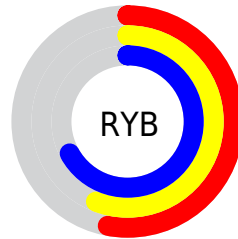
Distribution



Red (53%)

Green (57%)

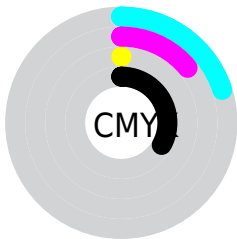
Blue (67%)



Red (53%)

Yellow (56%)

Blue (67%)

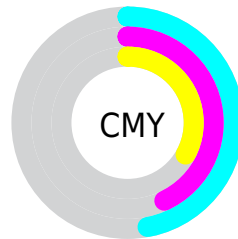


Cyan (20%)

Magenta (14%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (43%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6879, 28.6943, 42.1095 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 27.6879, 28.6943, 42.1095 by changing the saturation by 10% instead.

■ 27.6879, 28.6943,
42.1095

■ 27.6879, 28.6943,
42.1095

283.0798,
295.7698, 370.7497

■ 18.2298, 18.8497,
28.8608

■ 55.3979, 57.5910,
79.6372

■ 11.2158, 11.5617,
18.7309

■ 74.3805, 77.4119,
104.7533

■ 6.2805, 6.4460,
11.3012

■ 97.2686, 101.3271,
134.6623

■ 3.0587, 3.1181,
6.1531

124.4277,
129.7208, 169.7828

■ 1.1849, 1.1937,
2.8681

156.2229,
162.9776, 210.5332

■ 0.0944, 0.0566,
1.0277

193.0198,

■ 0.0000, 0.0000,

201.4817, 257.3321

0.0000

235.1836,
245.6177, 310.5981

■ 27.6879, 28.6943,
42.1095

■ 27.6879, 28.6943,
42.1095

■ 23.3894, 23.8757,
41.4064

■ 32.6202, 34.1293,
42.8991

■ 19.6956, 19.6475,
40.7850

■ 38.2087, 40.1986,
43.7760

■ 16.5788, 15.9868,
40.2427

■ 44.4778, 46.9235,
44.7436

■ 14.0081, 12.8679,
39.7762

■ 51.4499, 54.3234,
45.8045

■ 11.9495, 10.2630,
39.3819

■ 59.1462, 62.4169,
46.9610

■ 10.3649, 8.1411,
39.0558

■ 67.5873, 71.2216,
48.2156

■ 9.2101, 6.4678,
38.7937

■ 76.7918, 80.7543,
49.5705

■ 8.3969, 5.1844,
38.5889

■ 80.2468, 87.6643,
50.7222

■ 8.3968, 5.1844,
38.5888

■ 83.9361, 95.0430,
51.9519

Harmonies

Analogous

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



25.9410, 28.6943, 41.2340



27.6879, 28.6943, 42.1095



29.3951, 28.6943, 39.8280

Triad

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



27.6879, 28.6943, 42.1095



30.1256, 28.6943, 25.6839



24.2231, 28.6943, 27.5228

Complementary

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



27.6879, 28.6943, 42.1095



33.5925, 35.4651, 28.3681

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.



25.2557, 28.6943, 23.9902



27.6879, 28.6943, 42.1095



28.6500, 28.6943, 23.0126

Square

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



27.6879, 28.6943, 42.1095



30.8419, 28.6943, 30.0760



26.8624, 28.6943, 22.4283



23.9908, 28.6943, 32.4403

Rectangle

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



27.6879, 28.6943, 42.1095



30.2641, 28.6943, 36.9569



26.8624, 28.6943, 22.4283



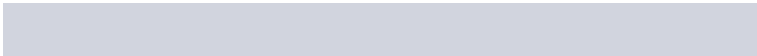
24.4859, 28.6943, 26.1511

Sweetspot

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



27.6888, 28.6955, 42.1101



62.9863, 66.0687, 78.4347



30.8563, 36.5153, 38.5885



13.9069, 14.5820, 17.4693



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.



27.6888, 28.6955, 42.1101



46.6389, 48.0502, 75.8184



27.3535, 26.3330, 41.6718



7.3050, 7.6468, 9.5093



6.2199, 3.8999, 28.4004



0.1950, 0.1822, 0.7055

Inverse Universe

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



30.5707, 28.2303, 31.0332



52.8730, 47.2075, 51.8206



33.9644, 38.3352, 28.9024



7.6185, 7.5773, 8.3084



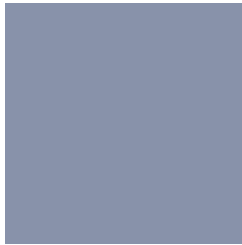
12.6401, 6.4648, 2.9163



0.3296, 0.1661, 0.1870

Previews

White Background



This preview shows how the XYZ color 27.6879, 28.6943, 42.1095 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 27.6879, 28.6943, 42.1095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

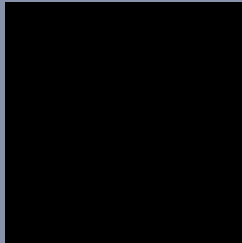
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6879, 28.6943, 42.1095

Background



This preview shows how black text looks on a background with the XYZ color 27.6879, 28.6943, 42.1095.



This preview shows how white text looks on a background with the XYZ color 27.6879, 28.6943,

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

27.6879, 28.6943, 42.1095

Protanopia

28.2713, 28.7781, 41.6008

Deuteranopia

29.2364, 28.5822, 42.5041



Tritanopia

26.7666, 28.7862, 37.4032

Trichromacy



Original Color

27.6879, 28.6943, 42.1095

Protanomaly

27.9343, 28.6043, 41.5850

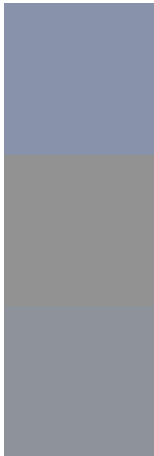
Deuteranomaly

28.6747, 28.5145, 42.5206

Tritanomaly

27.1262, 28.6987, 39.2317

Monochromacy



Original Color

27.6879, 28.6943, 42.1095

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.3506, 28.6751, 35.1037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6879, 28.6943, 42.1095 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(136, 146, 170)` looks like.

```
.text, #text, p{  
    color:rgb(136, 146, 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(136, 146, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 146, 170) }
```

Border

The CSS property to change the border of an element to XYZ 27.6879, 28.6943, 42.1095 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(136, 146, 170) }
```


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

```
.border{ border-color:rgb(136, 146, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 146, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 146, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 146, 170);  
box-shadow:4px 4px 4px 4px rgb(136, 146,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6879, 28.6943, 42.1095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 146, 170) }
```

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

```
.background{ background-color: rgb(136,  
146, 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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