

Converting Colors

XYZ(27.2713, 30.0629, 40.3216)

Have a look what the booklet for
XYZ(27.2713, 30.0629, 40.3216)
contains.

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Color

**XYZ(27.3274, 30.2028,
40.4658)**

Conversions

Conversions Part 1

Format	Color
Hex	8199A6
RGB	129, 153, 166
RGB Percent	51%, 60%, 65%
CMY	0.4941, 0.4000, 0.3490
CMYK	0.22, 0.08, 0.00, 0.35
HSL	201°, 17%, 58%
HSV	201°, 22%, 65%
XYZ	27.3274, 30.2028, 40.4658
YIQ	147.3060, -18.4770, -1.0450

Conversions

Conversions Part 2

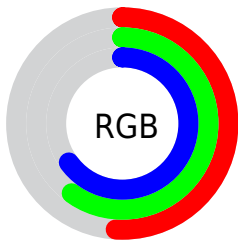
Format	Color
RYB	129, 144, 166
Decimal	8493478
CIELab	61.83, -5.46, -9.61
CIElCh	62, 11.050, 240.378
Yxy	30.2028, 0.2789, 0.3082
Android (android.graphics.Color)	4286683558 (0xFF8199A6)
YUV	147.3060, 9.2161, -16.0544
Hunter-Lab	54.9571, -7.4158, -5.1863

Details

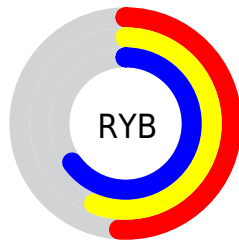
The XYZ color **27.3274, 30.2028, 40.4658** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3615, 29.0379, 24.8268**, and the grayscale version is **27.8290, 29.2783, 31.8841**.

A 20% lighter version of the original color is **54.6554, 59.7912, 77.0668**, and **11.0131, 12.3799, 17.7287** is the 20% darker color. If you saturate the color by 10%, you get **24.0768, 27.1453, 40.0475**, and if you desaturate by 10%, it is **31.0361, 33.5673, 40.9202**.

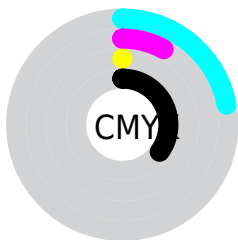
Distribution



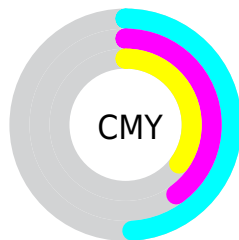
- Red (51%)
- Green (60%)
- Blue (65%)



- Red (51%)
- Yellow (56%)
- Blue (65%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (49%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3274, 30.2028, 40.4658 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 27.3274, 30.2028, 40.4658 by changing the saturation by 10% instead.

■ 27.3274, 30.2028,
40.4658

■ 27.3274, 30.2028,
40.4658

281.3776,
302.8486, 363.6933

■ 17.9571, 19.9926,
27.5854

■ 54.8250, 59.9827,
77.1171

■ 11.0187, 12.3896,
17.7770

■ 73.6830, 80.3213,
101.7251

■ 6.1468, 7.0096,
10.6222

■ 96.4343, 104.8046,
131.0793

■ 2.9761, 3.4681,
5.7025

123.4442,
133.8173, 165.5984

■ 1.1411, 1.3807,
2.5992

155.0782,
167.7436, 205.7007

■ 0.0591, 0.2025,
0.8920

191.7015,

■ 0.0000, 0.0000,

206.9680, 251.8050

0.0000

233.6795,
251.8749, 304.3296

■ 27.3274, 30.2028,
40.4658

■ 27.3274, 30.2028,
40.4658

■ 24.0768, 27.1453,
40.0475

■ 31.0361, 33.5673,
40.9202

■ 21.2612, 24.3795,
39.6620

■ 35.2194, 37.2458,
41.4098

■ 18.8594, 21.8944,
39.3089

■ 39.8959, 41.2498,
41.9361

■ 16.8473, 19.6765,
38.9869

■ 45.0827, 45.5889,
42.5003

■ 15.1981, 17.7108,
38.6944

■ 50.7959, 50.2724,
43.1032

■ 13.8813, 15.9806,
38.4298

■ 57.0509, 55.3090,
43.7457

■ 12.8605, 14.4660,
38.1913

■ 63.8624, 60.7073,
44.4286

■ 12.2125, 13.4123,
38.0220

■ 68.6976, 65.1623,
45.0337

■ 70.0710, 67.9091,
45.4915

Harmonies

Analogous

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



26.3284, 30.2028, 37.1676



27.3274, 30.2028, 40.4658



28.7256, 30.2028, 41.6972

Triad

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



27.3274, 30.2028, 40.4658



31.6380, 30.2028, 32.8322



27.2961, 30.2028, 26.3629

Complementary

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



27.3274, 30.2028, 40.4658



29.3615, 29.0379, 24.8268

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.



28.6882, 30.2028, 25.4122



27.3274, 30.2028, 40.4658



31.2244, 30.2028, 28.9460

Square

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



27.3274, 30.2028, 40.4658



31.2441, 30.2028, 37.0671



30.1320, 30.2028, 26.3168



26.3108, 30.2028, 29.0313

Rectangle

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



27.3274, 30.2028, 40.4658



29.7060, 30.2028, 41.1046



30.1320, 30.2028, 26.3168



27.7304, 30.2028, 25.8426

Sweetspot

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



27.3283, 30.2040, 40.4665



60.1336, 64.2920, 74.7155



27.5687, 33.8916, 30.6607



13.3614, 14.3035, 16.7088



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.



27.3283, 30.2040, 40.4665



46.4204, 51.8553, 73.0377



24.5380, 24.6235, 39.5364



7.5225, 8.0818, 9.5818



9.5151, 10.4905, 29.4989



0.2768, 0.3458, 0.7328

Inverse Universe

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



29.3266, 26.1080, 33.6321



50.7923, 43.2391, 58.0078



32.3378, 34.9904, 25.8189



7.7283, 7.6212, 8.8865



14.3034, 7.1301, 11.6752



0.3709, 0.1826, 0.4044

Previews

White Background



This preview shows how the XYZ color 27.3274, 30.2028, 40.4658 looks on a white background.

Color Contrast Check

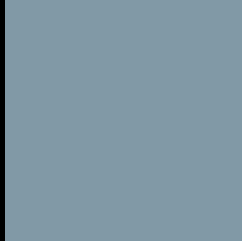
Large Text (above 18pt) WCAG AA × Fail

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 27.3274, 30.2028, 40.4658 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

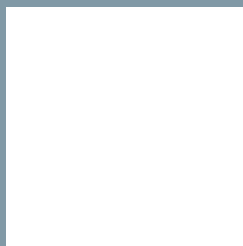
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3274, 30.2028, 40.4658

Background



This preview shows how black text looks on a background with the XYZ color 27.3274, 30.2028, 40.4658.



This preview shows how white text looks on a background with the XYZ color 27.3274, 30.2028,

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

27.3274, 30.2028, 40.4658

Protanopia

29.4135, 30.1201, 38.9138

Deuteranopia

30.7109, 30.0465, 41.2267



Tritanopia

27.2360, 30.1662, 39.9845

Trichromacy



Original Color

27.3274, 30.2028, 40.4658

Protanomaly

28.5917, 30.1557, 39.4357

Deuteranomaly

29.4190, 30.0808, 40.8148

Tritanomaly

27.2360, 30.1662, 39.9845

Monochromacy



Original Color

27.3274, 30.2028, 40.4658

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3954, 29.4034, 34.8034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3274, 30.2028, 40.4658 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, 153, 166)` looks like.

```
.text, #text, p{  
    color:rgb(129, 153, 166)  
}
```

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, 153, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 153, 166) }
```

Border

The CSS property to change the border of an element to XYZ 27.3274, 30.2028, 40.4658 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, 153, 166) }
```


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

```
.border{ border-color:rgb(129, 153, 166) }
```

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

Here you see how a box with a 4 pixel rgb(129, 153, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 153, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 153, 166);  
box-shadow:4px 4px 4px 4px rgb(129, 153,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3274, 30.2028, 40.4658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 153, 166) }
```

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

```
.background{ background-color: rgb(129,  
153, 166) }
```

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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