

Converting Colors

XYZ(27.5301, 32.3796, 40.8087)

Have a look what the booklet for
XYZ(27.5301, 32.3796, 40.8087)
contains.

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Color

**XYZ(27.5130, 32.3079,
40.8623)**

Conversions

Conversions Part 1

Format	Color
Hex	79A1A6
RGB	121, 161, 166
RGB Percent	47%, 63%, 65%
CMY	0.5255, 0.3686, 0.3490
CMYK	0.27, 0.03, 0.00, 0.35
HSL	187°, 20%, 56%
HSV	187°, 27%, 65%
XYZ	27.5130, 32.3079, 40.8623
YIQ	149.6100, -25.4450, -6.9250

Conversions

Conversions Part 2

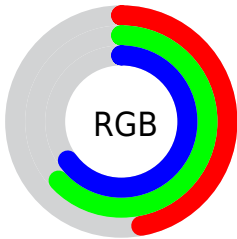
Format	Color
RYB	121, 142, 166
Decimal	7971238
CIELab	63.60, -12.34, -7.03
CIELCh	64, 14.197, 209.665
Yxy	32.3079, 0.2733, 0.3209
Android (android.graphics.Color)	4286161318 (0xFF79A1A6)
YUV	149.6100, 8.0803, -25.0910
Hunter-Lab	56.8400, -13.0685, -2.8355

Details

The XYZ color **27.5130, 32.3079, 40.8623** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.6383, 24.4094, 21.3974**, and the grayscale version is **28.7997, 30.2995, 32.9962**.

A 20% lighter version of the original color is **55.0626, 63.3309, 77.7286**, and **11.0317, 13.4543, 17.9351** is the 20% darker color. If you saturate the color by 10%, you get **25.0644, 30.5716, 40.6568**, and if you desaturate by 10%, it is **30.3686, 34.2627, 41.0896**.

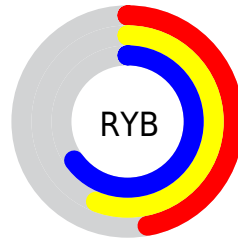
Distribution



Red (47%)

Green (63%)

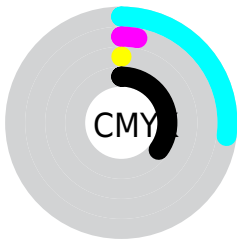
Blue (65%)



Red (47%)

Yellow (56%)

Blue (65%)

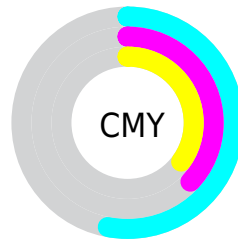


Cyan (27%)

Magenta (3%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5130, 32.3079, 40.8623 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 27.5130, 32.3079, 40.8623 by changing the saturation by 10% instead.

■ 27.5130, 32.3079,
40.8623

■ 27.5130, 32.3079,
40.8623

282.2549,
312.5195, 365.4044

■ 18.0975, 21.5968,
27.8926

■ 55.1201, 63.2935,
77.7262

■ 11.1201, 13.5609,
18.0064

■ 74.0423, 84.3367,
102.4575

■ 6.2156, 7.8159,
10.7851

■ 96.8642, 109.5928,
131.9465

■ 3.0185, 3.9774,
5.8102

123.9510,
139.4461, 166.6115

■ 1.1635, 1.6609,
2.6631

155.6681,
174.2810, 206.8713

■ 0.0773, 0.3982,
0.9248

192.3809,

■ 0.0000, 0.0000,

214.4819, 253.1444

0.0000

234.4547,
260.4333, 305.8492

■ 27.5130, 32.3079,
40.8623

■ 27.5130, 32.3079,
40.8623

■ 25.0644, 30.5716,
40.6568

■ 30.3686, 34.2627,
41.0896

■ 22.9993, 29.0392,
40.4698

■ 33.6474, 36.4419,
41.3375

■ 21.2965, 27.7006,
40.3012

■ 37.3682, 38.8561,
41.6073

■ 19.9312, 26.5430,
40.1497

■ 41.5478, 41.5139,
41.9001

■ 18.8758, 25.5520,
40.0140

■ 46.2020, 44.4236,
42.2164

■ 18.0978, 24.7110,
39.8927

■ 51.3460, 47.5931,
42.5570

■ 17.5483, 23.9946,
39.7834

■ 56.9944, 51.0297,
42.9227

■ 17.4047, 23.7965,
39.7527

■ 63.1610, 54.7407,
43.3139

■ 63.9632, 55.6936,
43.4556

Harmonies

Analogous

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



27.0513, 32.3079, 35.1139



27.5130, 32.3079, 40.8623



28.8224, 32.3079, 45.4665

Triad

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



27.5130, 32.3079, 40.8623



34.1166, 32.3079, 40.9848



30.7300, 32.3079, 25.3512

Complementary

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



27.5130, 32.3079, 40.8623



26.6383, 24.4094, 21.3974

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.



32.6735, 32.3079, 26.5716



27.5130, 32.3079, 40.8623



34.6795, 32.3079, 35.2418

Square

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



27.5130, 32.3079, 40.8623



32.6332, 32.3079, 45.5424



34.1406, 32.3079, 30.0466



28.8594, 32.3079, 26.5186

Rectangle

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



27.5130, 32.3079, 40.8623



30.0288, 32.3079, 47.0479



34.1406, 32.3079, 30.0466



31.3967, 32.3079, 25.4937

Sweetspot

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



27.5140, 32.3092, 40.8630



60.4097, 65.7064, 74.9739



25.2557, 32.8315, 24.5767



13.3149, 14.5696, 16.7626



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.



27.5140, 32.3092, 40.8630



46.9610, 56.5424, 73.9139



24.0014, 25.2841, 39.6922



7.6754, 8.3876, 9.6328



13.5174, 18.4950, 30.8329



0.3483, 0.4889, 0.7567

Inverse Universe

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



28.9971, 24.3557, 36.8925



50.1850, 39.6261, 65.1992



29.7676, 30.6679, 22.4405



7.8055, 7.6521, 9.2929



16.3236, 7.9381, 22.3132



0.4070, 0.1971, 0.5946

Previews

White Background



This preview shows how the XYZ color 27.5130, 32.3079, 40.8623 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 27.5130, 32.3079, 40.8623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

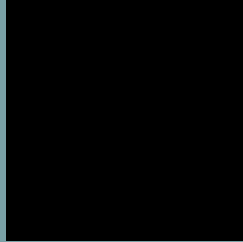
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.5130, 32.3079, 40.8623

Background



This preview shows how black text looks on a background with the XYZ color 27.5130, 32.3079, 40.8623.



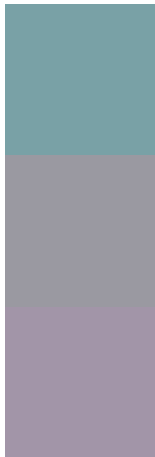
This preview shows how white text looks on a background with the XYZ color 27.5130, 32.3079,

40.8623.

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

27.5130, 32.3079, 40.8623

Protanopia

31.1507, 32.2257, 38.2966

Deuteranopia

32.7156, 32.0034, 41.4988



Tritanopia

28.1397, 32.2963, 44.2859

Trichromacy



Original Color

27.5130, 32.3079, 40.8623

Protanomaly

29.6547, 32.1721, 39.2972

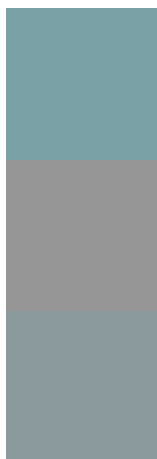
Deuteranomaly

30.3989, 31.7755, 41.0903

Tritanomaly

27.8525, 32.1815, 42.7739

Monochromacy



Original Color

27.5130, 32.3079, 40.8623

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.2038, 31.0005, 35.9497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5130, 32.3079, 40.8623 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(121, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(121, 161, 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(121, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 161, 166) }
```

Border

The CSS property to change the border of an element to XYZ 27.5130, 32.3079, 40.8623 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(121, 161, 166) }
```


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

```
.border{ border-color:rgb(121, 161, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 161, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 161, 166);  
box-shadow:4px 4px 4px 4px rgb(121, 161,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5130, 32.3079, 40.8623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 161, 166) }
```

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

```
.background{ background-color: rgb(121,  
161, 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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