

Converting Colors

XYZ(27.9774, 32.0219, 41.2655)

Have a look what the booklet for
XYZ(27.9774, 32.0219, 41.2655)
contains.

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Color

**XYZ(27.9774, 32.0219,
41.2655)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9FA7
RGB	126, 159, 167
RGB Percent	49%, 62%, 65%
CMY	0.5059, 0.3765, 0.3451
CMYK	0.25, 0.05, 0.00, 0.35
HSL	192°, 19%, 57%
HSV	192°, 25%, 65%
XYZ	27.9774, 32.0219, 41.2655
YIQ	150.0450, -22.2360, -4.5080

Conversions

Conversions Part 2

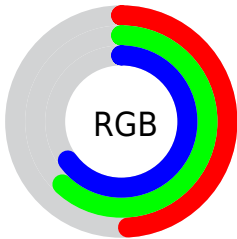
Format	Color
RYB	126, 144, 167
Decimal	8298407
CIELab	63.36, -9.47, -7.91
CIElCh	63, 12.336, 219.854
Yxy	32.0219, 0.2763, 0.3162
Android (android.graphics.Color)	4286488487 (0xFF7E9FA7)
YUV	150.0450, 8.3588, -21.0875
Hunter-Lab	56.5879, -10.7773, -3.6244

Details

The XYZ color **27.9774, 32.0219, 41.2655** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.2278, 26.7723, 23.4193**, and the grayscale version is **28.9817, 30.4910, 33.2047**.

A 20% lighter version of the original color is **55.8218, 62.9508, 78.3158**, and **11.4376, 13.4994, 18.2225** is the 20% darker color. If you saturate the color by 10%, you get **25.1648, 29.7520, 40.9761**, and if you desaturate by 10%, it is **31.2177, 34.5359, 41.5805**.

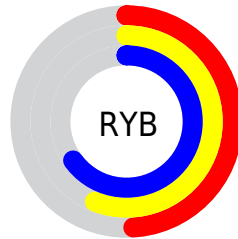
Distribution



Red (49%)

Green (62%)

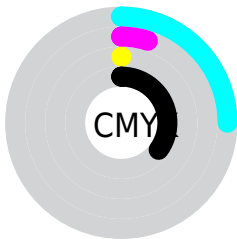
Blue (65%)



Red (49%)

Yellow (56%)

Blue (65%)

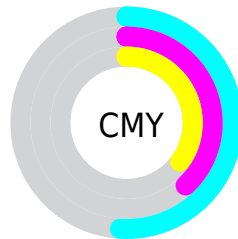


Cyan (25%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9774, 32.0219, 41.2655 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 27.9774, 32.0219, 41.2655 by changing the saturation by 10% instead.

■ 27.9774, 32.0219,
41.2655

■ 27.9774, 32.0219,
41.2655

284.4409,
311.2190, 367.1385

■ 18.4490, 21.3782,
28.2053

■ 55.8573, 62.8454,
78.3448

■ 11.3745, 13.4008,
18.2401

■ 74.9394, 83.7941,
103.2010

■ 6.3884, 7.7051,
10.9513

■ 97.9369, 108.9465,
132.8264

■ 3.1256, 3.9068,
5.9203

125.2150,
138.6871, 167.6394

■ 1.2205, 1.6216,
2.7287

157.1391,
173.4002, 208.0585

■ 0.1225, 0.3721,
0.9578

194.0745,

■ 0.0000, 0.0000,

213.4703, 254.5024

0.0000

236.3867,
259.2818, 307.3895

■ 27.9774, 32.0219,
41.2655

■ 27.9774, 32.0219,
41.2655

■ 25.1648, 29.7520,
40.9761

■ 31.2177, 34.5359,
41.5805

■ 22.7567, 27.7115,
40.7092

■ 34.9021, 37.3000,
41.9198

■ 20.7317, 25.8902,
40.4644

■ 39.0493, 40.3250,
42.2851

■ 19.0653, 24.2751,
40.2405

■ 43.6763, 43.6198,
42.6772

■ 17.7302, 22.8521,
40.0362

■ 48.7991, 47.1927,
43.0969

■ 16.6949, 21.6047,
39.8500

■ 54.4330, 51.0518,
43.5448

■ 15.9212, 20.5130,
39.6800

■ 60.5925, 55.2048,
44.0218

■ 15.5588, 19.9573,
39.5919

■ 65.5779, 58.7755,
44.4482

■ 66.2676, 60.1550,
44.6781

Harmonies

Analogous

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



27.3056, 32.0219, 36.5053



27.9774, 32.0219, 41.2655



29.3158, 32.0219, 44.4902

Triad

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



27.9774, 32.0219, 41.2655



33.6330, 32.0219, 38.2162



29.8758, 32.0219, 26.3761

Complementary

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



27.9774, 32.0219, 41.2655



28.2278, 26.7723, 23.4193

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.



31.5841, 32.0219, 26.7413



27.9774, 32.0219, 41.2655



33.7967, 32.0219, 33.2773

Square

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



27.9774, 32.0219, 41.2655



32.5951, 32.0219, 42.6184



33.0343, 32.0219, 29.1656



28.3741, 32.0219, 28.1165

Rectangle

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



27.9774, 32.0219, 41.2655



30.4275, 32.0219, 45.1724



33.0343, 32.0219, 29.1656



30.4442, 32.0219, 26.2608

Sweetspot

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



27.9784, 32.0232, 41.2662



60.7283, 65.4814, 74.9137



26.6930, 33.7815, 27.4923



13.5047, 14.5901, 16.7565



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.



27.9784, 32.0232, 41.2662



47.5069, 55.2742, 73.6404



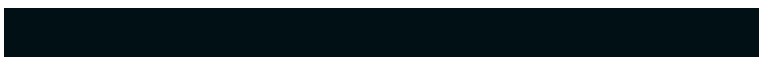
24.8102, 25.6868, 40.2102



7.6214, 8.2797, 9.6148



11.9399, 15.3400, 30.3071



0.3214, 0.4351, 0.7477

Inverse Universe

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



29.6560, 25.6412, 36.1885



51.0366, 42.1722, 62.8841



31.2612, 32.8392, 24.4304



7.7782, 7.6412, 9.1494



15.5273, 7.6196, 18.1202



0.3934, 0.1916, 0.5231

Previews

White Background



This preview shows how the XYZ color 27.9774, 32.0219, 41.2655 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 27.9774, 32.0219, 41.2655 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

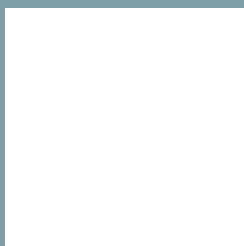
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9774, 32.0219, 41.2655

Background



This preview shows how black text looks on a background with the XYZ color 27.9774, 32.0219, 41.2655.

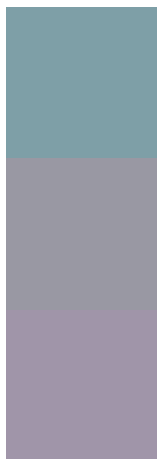


This preview shows how white text looks on a background with the XYZ color 27.9774, 32.0219,

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

27.9774, 32.0219, 41.2655

Protanopia

30.9760, 31.8731, 39.1698

Deuteranopia

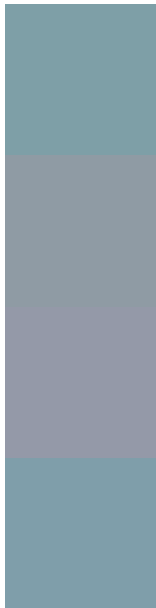
32.4061, 31.8330, 41.9725



Tritanopia

28.3299, 31.9060, 43.1934

Trichromacy



Original Color

27.9774, 32.0219, 41.2655

Protanomaly

29.7499, 31.9627, 39.7234

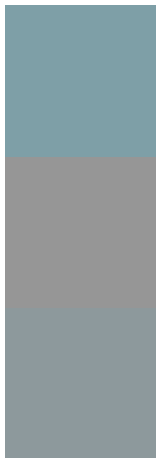
Deuteranomaly

30.6719, 31.9055, 41.5876

Tritanomaly

28.2350, 31.8680, 42.6932

Monochromacy



Original Color

27.9774, 32.0219, 41.2655

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.3765, 30.8455, 35.9107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9774, 32.0219, 41.2655 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(126, 159, 167)` looks like.

```
.text, #text, p{  
    color:rgb(126, 159, 167)  
}
```

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(126, 159, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 159, 167) }
```

Border

The CSS property to change the border of an element to XYZ 27.9774, 32.0219, 41.2655 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(126, 159, 167) }
```


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

```
.border{ border-color:rgb(126, 159, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 159, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 159, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 159, 167);  
box-shadow:4px 4px 4px 4px rgb(126, 159,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9774, 32.0219, 41.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 159, 167) }
```

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

```
.background{ background-color: rgb(126,  
159, 167) }
```

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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