

Converting Colors

XYZ(27.4255, 34.5658, 32.5375)

Have a look what the booklet for
XYZ(27.4255, 34.5658, 32.5375)
contains.

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Color

**XYZ(27.4023, 34.5888,
32.4262)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA992
RGB	122, 169, 146
RGB Percent	48%, 66%, 57%
CMY	0.5216, 0.3372, 0.4274
CMYK	0.28, 0.00, 0.14, 0.34
HSL	151°, 21%, 57%
HSV	151°, 28%, 66%
XYZ	27.4023, 34.5888, 32.4262
YIQ	152.3250, -20.6290, -17.1170

Conversions

Conversions Part 2

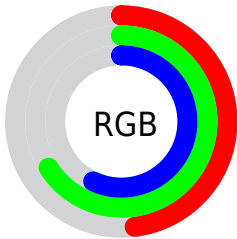
Format	Color
RYB	122, 153, 169
Decimal	8038802
CIELab	65.43, -20.67, 6.83
CIElCh	65, 21.771, 161.710
Yxy	34.5888, 0.2902, 0.3663
Android (android.graphics.Color)	4286228882 (0xFF7AA992)
YUV	152.3250, -3.1182, -26.5950
Hunter-Lab	58.8122, -19.7532, 8.4790

Details

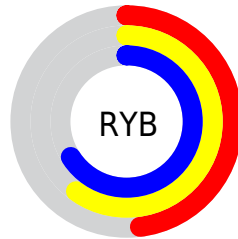
The XYZ color **27.4023, 34.5888, 32.4262** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.4337, 24.3993, 30.0004**, and the grayscale version is **30.0056, 31.5682, 34.3778**.

A 20% lighter version of the original color is **54.7602, 66.5954, 64.6116**, and **11.1451, 14.9448, 13.3636** is the 20% darker color. If you saturate the color by 10%, you get **24.5941, 33.2138, 29.0573**, and if you desaturate by 10%, it is **30.6751, 36.1999, 36.0613**.

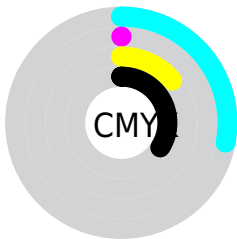
Distribution



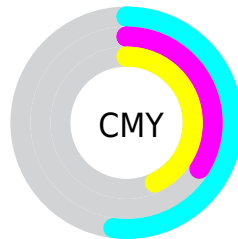
- Red (48%)
- Green (66%)
- Blue (57%)



- Red (48%)
- Yellow (60%)
- Blue (66%)



- Cyan (28%)
- Magenta (0%)
- Yellow (14%)
- Black (34%)





- Cyan (52%)
- Magenta (34%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4023, 34.5888, 32.4262 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 27.4023, 34.5888, 32.4262 by changing the saturation by 10% instead.


 27.4023, 34.5888,
32.4262


 27.4023, 34.5888,
32.4262

281.7319,
322.7496, 327.6085


 18.0137, 23.3463,
21.4197


 54.9441, 66.8483,
64.5843

 11.0596, 14.8494,
13.2369


 73.8281, 88.6340,
86.5730

 6.1745, 8.7138,
7.4593

 96.6079, 114.7030,
113.0595

 2.9932, 4.5550,
3.6682

123.6488,
145.4395, 144.4624

 1.1501, 1.9886,
1.4451

155.3164,
181.2280, 181.2002

 0.0665, 0.6008,
0.1765

191.9758,

 0.0000, 0.0000,

222.4530, 223.6915

0.0000

233.9926,
269.4987, 272.3548

■ 27.4023, 34.5888,
32.4262

■ 27.4023, 34.5888,
32.4262

■ 24.5941, 33.2138,
29.0573

■ 30.6751, 36.1999,
36.0613

■ 22.2252, 32.0589,
25.9461

■ 34.4306, 38.0534,
39.9663

■ 20.2720, 31.1133,
23.0871

■ 38.6894, 40.1607,
44.1477

■ 18.7075, 30.3630,
20.4734

■ 43.4699, 42.5313,
48.6108

■ 17.5013, 29.7925,
18.0980

■ 48.7898, 45.1742,
53.3613

■ 16.6182, 29.3838,
15.9533

■ 54.6658, 48.0978,
58.4042

■ 16.0007, 29.1074,
14.0306

■ 61.1137, 51.3103,
63.7446

■ 15.8803, 29.0538,
13.6377

■ 67.3334, 54.3991,
69.3493

■ 68.4050, 54.8277,
74.9923

Harmonies

Analogous

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



28.9708, 34.5888, 26.0375



27.4023, 34.5888, 32.4262



27.2417, 34.5888, 41.3306

Triad

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



27.4023, 34.5888, 32.4262



34.1330, 34.5888, 57.5544



37.6574, 34.5888, 27.1650

Complementary

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



27.4023, 34.5888, 32.4262



28.4337, 24.3993, 30.0004

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.



39.2373, 34.5888, 34.2159



27.4023, 34.5888, 32.4262



37.1165, 34.5888, 52.3135

Square

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



27.4023, 34.5888, 32.4262



30.9929, 34.5888, 56.8667



39.0332, 34.5888, 43.4316



34.8331, 34.5888, 23.3548

Rectangle

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



27.4023, 34.5888, 32.4262



27.9410, 34.5888, 47.6418



39.0332, 34.5888, 43.4316



38.3596, 34.5888, 29.1822

Sweetspot

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



27.4033, 34.5902, 32.4270



61.4231, 68.0311, 71.3343



29.4673, 35.8478, 23.7791



13.1626, 14.7167, 15.3193



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.



27.4033, 34.5902, 32.4270



46.0697, 60.4722, 54.5277



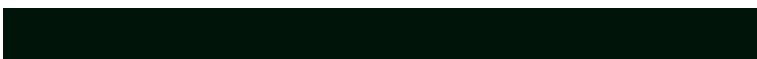
29.3766, 35.3796, 42.8184



7.5906, 8.4693, 8.8303



11.8621, 21.6636, 10.3066



0.3144, 0.5374, 0.3863

Inverse Universe

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



28.4337, 24.3993, 30.0004



48.2062, 39.3444, 49.4978



26.8356, 23.7600, 21.5846



7.6784, 7.6012, 8.6235



13.3768, 6.7594, 6.7957



0.3514, 0.1748, 0.3019

Previews

White Background



This preview shows how the XYZ color 27.4023, 34.5888, 32.4262 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 27.4023, 34.5888, 32.4262 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

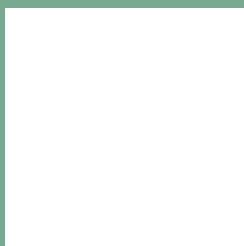
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4023, 34.5888, 32.4262

Background



This preview shows how black text looks on a background with the XYZ color 27.4023, 34.5888, 32.4262.

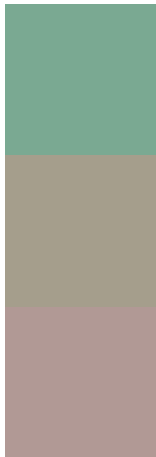


This preview shows how white text looks on a background with the XYZ color 27.4023, 34.5888,

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

27.4023, 34.5888, 32.4262

Protanopia

32.4775, 34.3465, 29.7287

Deuteranopia

34.9475, 34.2995, 33.2123



Tritanopia

30.2134, 34.3545, 47.1581

Trichromacy



Original Color

27.4023, 34.5888, 32.4262

Protanomaly

30.1972, 34.1832, 30.5976

Deuteranomaly

31.6481, 34.1025, 32.9314

Tritanomaly

29.1233, 34.4612, 41.1931

Monochromacy



Original Color

27.4023, 34.5888, 32.4262

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.7164, 32.3184, 33.5787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4023, 34.5888, 32.4262 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(122, 169, 146)` looks like.

```
.text, #text, p{  
    color:rgb(122, 169, 146)  
}
```

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(122, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 169, 146) }
```

Border

The CSS property to change the border of an element to XYZ 27.4023, 34.5888, 32.4262 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(122, 169, 146) }
```


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

```
.border{ border-color:rgb(122, 169, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 169, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 169, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 169, 146);  
box-shadow:4px 4px 4px 4px rgb(122, 169,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4023, 34.5888, 32.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 169, 146) }
```

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

```
.background{ background-color: rgb(122,  
169, 146) }
```

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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