

Converting Colors

XYZ(32.4110, 39.8990, 41.3827)

Have a look what the booklet for
XYZ(32.4110, 39.8990, 41.3827)
contains.

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Color

**XYZ(32.4274, 39.8623,
41.5824)**

Conversions

Conversions Part 1

Format	Color
Hex	84B3A5
RGB	132, 179, 165
RGB Percent	52%, 70%, 65%
CMY	0.4823, 0.2980, 0.3529
CMYK	0.26, 0.00, 0.08, 0.30
HSL	162°, 24%, 61%
HSV	162°, 26%, 70%
XYZ	32.4274, 39.8623, 41.5824
YIQ	163.3510, -23.5180, -14.3180

Conversions

Conversions Part 2

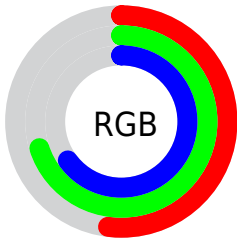
Format	Color
RYB	132, 160, 179
Decimal	8696741
CIELab	69.37, -18.60, 2.09
CIElCh	69, 18.720, 173.596
Yxy	39.8623, 0.2848, 0.3501
Android (android.graphics.Color)	4286886821 (0xFF84B3A5)
YUV	163.3510, 0.8130, -27.4948
Hunter-Lab	63.1366, -18.8102, 5.1466

Details

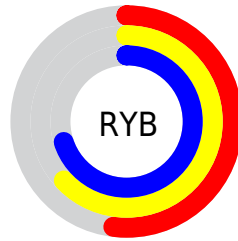
The XYZ color **32.4274, 39.8623, 41.5824** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.0314, 28.1628, 30.9436**, and the grayscale version is **34.9838, 36.8057, 40.0814**.

A 20% lighter version of the original color is **62.8763, 75.0231, 78.8771**, and **13.8348, 17.8633, 18.3416** is the 20% darker color. If you saturate the color by 10%, you get **29.3897, 38.3523, 38.9597**, and if you desaturate by 10%, it is **35.9679, 41.6313, 44.3360**.

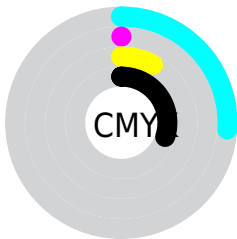
Distribution



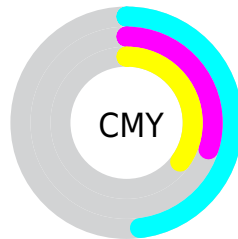
- Red (52%)
- Green (70%)
- Blue (65%)



- Red (52%)
- Yellow (63%)
- Blue (70%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)




- Cyan (48%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4274, 39.8623, 41.5824 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 32.4274, 39.8623, 41.5824 by changing the saturation by 10% instead.


 32.4274, 39.8623,
41.5824


 32.4274, 39.8623,
41.5824


304.7724,
345.5428, 368.4974


 21.8453, 27.4312,
28.4513


 62.8412, 74.9538,
78.8305

 13.8592, 17.8973,
18.4241


 83.4036, 98.3830,
103.7845

 8.1039, 10.8763,
11.0823


 108.0235,
126.2469, 133.5167

 4.2138, 5.9837,
6.0074

137.0662,
158.9301, 168.4454

 1.8238, 2.8352,
2.7807

170.8971,
196.8169, 208.9893

 0.5320, 1.0463,
0.9838

209.8815,

 0.0000, 0.0000,

240.2917, 255.5669

0.0000

254.3848,
289.7389, 308.5968

■ 32.4274, 39.8623,
41.5824

■ 32.4274, 39.8623,
41.5824

■ 29.3897, 38.3523,
38.9597

■ 35.9679, 41.6313,
44.3360

■ 26.8267, 37.0836,
36.4627

■ 40.0309, 43.6662,
47.2202

■ 24.7125, 36.0440,
34.0899

■ 44.6389, 45.9797,
50.2380

■ 23.0175, 35.2183,
31.8384

■ 49.8124, 48.5823,
53.3916

■ 21.7082, 34.5892,
29.7055

■ 55.5706, 51.4839,
56.6831

■ 20.7459, 34.1368,
27.6879

■ 61.9318, 54.6938,
60.1146

■ 20.0794, 33.8347,
25.7817

■ 68.0606, 57.7815,
63.6480

■ 19.8658, 33.7396,
25.0948

■ 68.7045, 58.0390,
67.0387

■ 69.3704, 58.3054,
70.5456

Harmonies

Analogous

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



33.4220, 39.8623, 34.2986



32.4274, 39.8623, 41.5824



32.8324, 39.8623, 50.3752

Triad

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



32.4274, 39.8623, 41.5824



40.2499, 39.8623, 60.4157



41.4241, 39.8623, 31.3928

Complementary

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



32.4274, 39.8623, 41.5824



32.0314, 28.1628, 30.9436

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.



43.4375, 39.8623, 37.1063



32.4274, 39.8623, 41.5824



42.7349, 39.8623, 53.9914

Square

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



32.4274, 39.8623, 41.5824



37.2467, 39.8623, 62.0272



43.9294, 39.8623, 45.2765



38.5365, 39.8623, 28.9390

Rectangle

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



32.4274, 39.8623, 41.5824



33.8528, 39.8623, 55.8532



43.9294, 39.8623, 45.2765



42.2316, 39.8623, 32.9563

Sweetspot

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



32.4285, 39.8639, 41.5833



70.2514, 77.4799, 83.5784



32.1581, 40.0280, 27.8619



15.3154, 17.0410, 18.3436



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.4285, 39.8639, 41.5833



54.5547, 69.6392, 71.4924



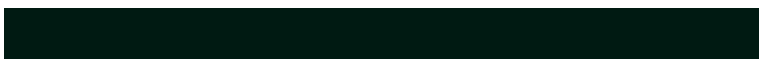
31.9536, 36.7614, 48.0611



8.6326, 9.5875, 10.3251



14.0672, 23.8529, 17.8887



0.4668, 0.7602, 0.6903

Inverse Universe

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



32.0314, 28.1628, 30.9436



53.7163, 44.8395, 48.9587



32.3406, 30.4188, 25.9975



8.5971, 8.5456, 9.3767



13.6218, 6.9663, 3.1683



0.4550, 0.2297, 0.2385

Previews

White Background



This preview shows how the XYZ color 32.4274, 39.8623, 41.5824 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 32.4274, 39.8623, 41.5824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

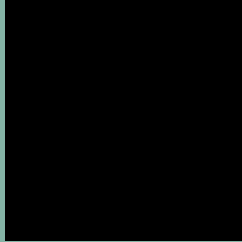
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4274, 39.8623, 41.5824

Background



This preview shows how black text looks on a background with the XYZ color 32.4274, 39.8623, 41.5824.

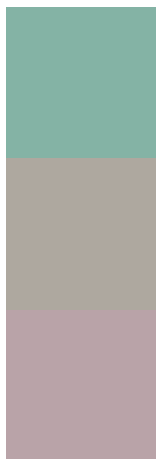


This preview shows how white text looks on a background with the XYZ color 32.4274, 39.8623,

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

32.4274, 39.8623, 41.5824

Protanopia

37.7162, 39.5071, 38.4387

Deuteranopia

40.1727, 39.3358, 42.5210



Tritanopia

34.8318, 39.6524, 53.9620

Trichromacy



Original Color

32.4274, 39.8623, 41.5824

Protanomaly

35.4836, 39.4492, 39.4625

Deuteranomaly

36.8889, 39.2729, 42.1954

Tritanomaly

33.7552, 39.4969, 49.0246

Monochromacy



Original Color

32.4274, 39.8623, 41.5824

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.8377, 37.7317, 40.6215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4274, 39.8623, 41.5824 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(132, 179, 165)` looks like.

```
.text, #text, p{  
    color:rgb(132, 179, 165)  
}
```

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(132, 179, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 179, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.4274, 39.8623, 41.5824 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(132, 179, 165) }
```


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

```
.border{ border-color:rgb(132, 179, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 179, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 179, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 179, 165); box-shadow:4px 4px 4px 4px rgb(132, 179, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4274, 39.8623, 41.5824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 179, 165) }
```

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

```
.background{ background-color: rgb(132,  
179, 165) }
```

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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