

Converting Colors

XYZ(32.3513, 40.4027, 43.3249)

Have a look what the booklet for
XYZ(32.3513, 40.4027, 43.3249)
contains.

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Color

**XYZ(32.3442, 40.3869,
43.1365)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB5A8
RGB	127, 181, 168
RGB Percent	50%, 71%, 66%
CMY	0.5020, 0.2902, 0.3412
CMYK	0.30, 0.00, 0.07, 0.29
HSL	166°, 27%, 60%
HSV	166°, 30%, 71%
XYZ	32.3442, 40.3869, 43.1365
YIQ	163.3720, -28.0110, -15.4910

Conversions

Conversions Part 2

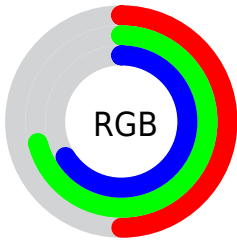
Format	Color
RYB	127, 158, 181
Decimal	8369576
CIELab	69.74, -20.51, 0.95
CIElCh	70, 20.531, 177.362
Yxy	40.3869, 0.2791, 0.3486
Android (android.graphics.Color)	4286559656 (0xFF7FB5A8)
YUV	163.3720, 2.2816, -31.8982
Hunter-Lab	63.5507, -20.3659, 4.2410

Details

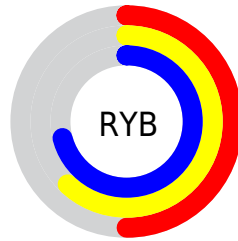
The XYZ color **32.3442, 40.3869, 43.1365** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.3805, 26.8972, 28.3505**, and the grayscale version is **34.9886, 36.8107, 40.0869**.

A 20% lighter version of the original color is **62.6595, 75.7198, 81.1249**, and **13.8520, 18.2358, 19.3128** is the 20% darker color. If you saturate the color by 10%, you get **29.4879, 38.9616, 40.9194**, and if you desaturate by 10%, it is **35.7007, 42.0706, 45.4498**.

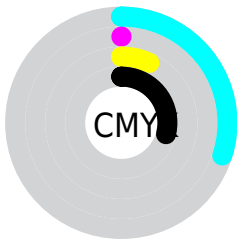
Distribution



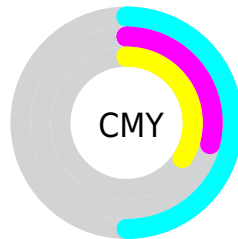
- Red (50%)
- Green (71%)
- Blue (66%)



- Red (50%)
- Yellow (62%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)





- Cyan (50%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3442, 40.3869, 43.1365 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 32.3442, 40.3869, 43.1365 by changing the saturation by 10% instead.


 32.3442, 40.3869,
43.1365


 32.3442, 40.3869,
43.1365


304.4017,
347.7516, 375.1105


 21.7814, 27.8403,
29.6600


 62.7119, 75.7523,
81.2054

 13.8120, 18.2053,
19.3308


 83.2474, 99.3399,
106.6349

 8.0709, 11.0975,
11.7303


 107.8379,
127.3767, 136.8858

 4.1925, 6.1325,
6.4400

136.8486,
160.2470, 172.3766

 1.8116, 2.9258,
3.0414

170.6450,
198.3353, 213.5260

 0.5247, 1.0931,
1.1158

209.5924,

 0.0000, 0.0000,

242.0259, 260.7524

0.0000

254.0562,
291.7032, 314.4744

■ 32.3442, 40.3869,
43.1365

■ 32.3442, 40.3869,
43.1365

■ 29.4879, 38.9616,
40.9194

■ 35.7007, 42.0706,
45.4498

■ 27.1022, 37.7763,
38.7939

■ 39.5782, 44.0202,
47.8583

■ 25.1599, 36.8181,
36.7587

■ 44.0001, 46.2489,
50.3647

■ 23.6293, 36.0705,
34.8118

■ 48.9879, 48.7677,
52.9706

■ 22.4744, 35.5152,
32.9507

■ 54.5615, 51.5868,
55.6776

■ 21.6530, 35.1302,
31.1728

■ 60.7400, 54.7162,
58.4872

■ 21.0792, 34.8714,
29.4732

■ 67.5415, 58.1650,
61.4010

■ 21.0703, 34.8674,
29.4456

■ 68.5281, 58.6145,
64.1183

■ 69.0545, 58.8251,
66.8902

Harmonies

Analogous

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



33.2476, 40.3869, 34.8149



32.3442, 40.3869, 43.1365



32.9807, 40.3869, 52.9438

Triad

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



32.3442, 40.3869, 43.1365



41.4024, 40.3869, 62.3352



41.9412, 40.3869, 30.2804

Complementary

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



32.3442, 40.3869, 43.1365



31.3805, 26.8972, 28.3505

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.



44.3529, 40.3869, 36.0801



32.3442, 40.3869, 43.1365



44.0295, 40.3869, 54.6142

Square

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



32.3442, 40.3869, 43.1365



38.0928, 40.3869, 64.9324



45.1381, 40.3869, 44.8232



38.6818, 40.3869, 28.0944

Rectangle

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



32.3442, 40.3869, 43.1365



34.2143, 40.3869, 58.8760



45.1381, 40.3869, 44.8232



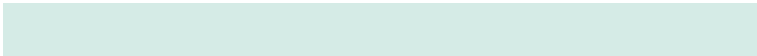
42.8849, 40.3869, 31.8268

Sweetspot

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



32.3453, 40.3885, 43.1374



71.3908, 79.0928, 86.0110



31.2556, 40.2007, 26.1917



15.1997, 16.9788, 18.4535



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.



32.3453, 40.3885, 43.1374



54.3696, 70.5542, 74.5487



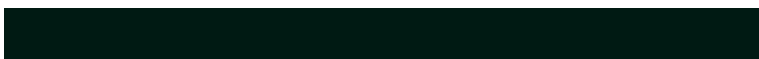
31.0047, 35.6707, 48.9689



8.6534, 9.5959, 10.4346



14.5530, 24.0472, 20.4468



0.4791, 0.7651, 0.7548

Inverse Universe

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



31.3805, 26.8972, 28.3505



52.3595, 42.3733, 43.6874



32.3395, 30.2600, 24.2158



8.5775, 8.5377, 9.2734



13.4683, 6.9049, 2.3599



0.4470, 0.2265, 0.1965

Previews

White Background



This preview shows how the XYZ color 32.3442, 40.3869, 43.1365 looks on a white background.

Color Contrast Check

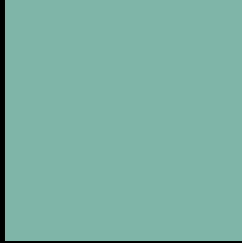
Large Text (above 18pt) WCAG AA × Fail

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 32.3442, 40.3869, 43.1365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

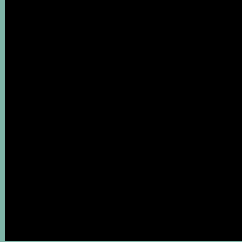
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3442, 40.3869, 43.1365

Background



This preview shows how black text looks on a background with the XYZ color 32.3442, 40.3869, 43.1365.

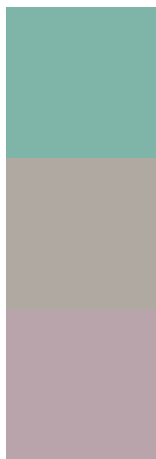


This preview shows how white text looks on a background with the XYZ color 32.3442, 40.3869,

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

32.3442, 40.3869, 43.1365

Protanopia

38.3002, 40.0631, 39.4325

Deuteranopia

40.6337, 39.8055, 44.0697



Tritanopia

34.7523, 40.1556, 55.7883

Trichromacy



Original Color

32.3442, 40.3869, 43.1365

Protanomaly

35.7450, 39.8366, 40.9272

Deuteranomaly

36.9403, 39.5442, 43.7161

Tritanomaly

33.6736, 40.0055, 50.7468

Monochromacy



Original Color

32.3442, 40.3869, 43.1365

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.7439, 37.9501, 41.1439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3442, 40.3869, 43.1365 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(127, 181, 168)` looks like.

```
.text, #text, p{  
    color:rgb(127, 181, 168)  
}
```

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(127, 181, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 181, 168) }
```

Border

The CSS property to change the border of an element to XYZ 32.3442, 40.3869, 43.1365 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(127, 181, 168) }
```


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

```
.border{ border-color:rgb(127, 181, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 181, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 181, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 181, 168);  
box-shadow:4px 4px 4px 4px rgb(127, 181,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3442, 40.3869, 43.1365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 181, 168) }
```

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

```
.background{ background-color: rgb(127,  
181, 168) }
```

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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