

Converting Colors

XYZ(32.8539, 39.0631, 40.3656)

Have a look what the booklet for
XYZ(32.8539, 39.0631, 40.3656)
contains.

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Color

**XYZ(32.7560, 38.8797,
40.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	8CAFA3
RGB	140, 175, 163
RGB Percent	55%, 69%, 64%
CMY	0.4510, 0.3137, 0.3608
CMYK	0.20, 0.00, 0.07, 0.31
HSL	159°, 18%, 62%
HSV	159°, 20%, 69%
XYZ	32.7560, 38.8797, 40.4284
YIQ	163.1670, -17.0080, -11.1520

Conversions

Conversions Part 2

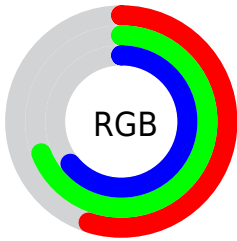
Format	Color
RYB	140, 161, 175
Decimal	9220003
CIELab	68.66, -14.38, 2.22
CIELCh	69, 14.549, 171.210
Yxy	38.8797, 0.2923, 0.3469
Android (android.graphics.Color)	4287410083 (0xFF8CAFA3)
YUV	163.1670, -0.0823, -20.3175
Hunter-Lab	62.3536, -15.3480, 5.2055

Details

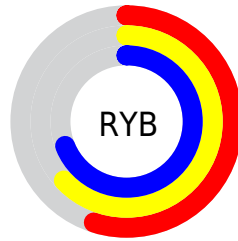
The XYZ color **32.7560, 38.8797, 40.4284** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.7261, 30.1381, 33.7998**, and the grayscale version is **34.8986, 36.7160, 39.9838**.

A 20% lighter version of the original color is **63.4789, 73.6831, 77.2062**, and **13.9486, 17.1906, 17.6219** is the 20% darker color. If you saturate the color by 10%, you get **29.5137, 37.2699, 37.5367**, and if you desaturate by 10%, it is **36.4950, 40.7447, 43.4782**.

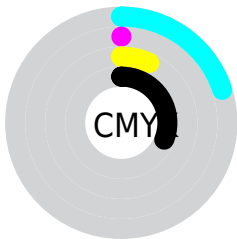
Distribution



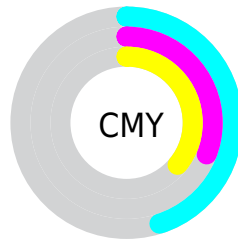
- Red (55%)
- Green (69%)
- Blue (64%)



- Red (55%)
- Yellow (63%)
- Blue (69%)



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)



- Cyan (45%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7560, 38.8797, 40.4284 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 32.7560, 38.8797, 40.4284 by changing the saturation by 10% instead.

■ 32.7560, 38.8797,
40.4284

■ 32.7560, 38.8797,
40.4284

306.2333,
341.3788, 363.5316

■ 22.0979, 26.6662,
27.5564

■ 63.3516, 73.4545,
77.0596

■ 14.0459, 17.3227,
17.7554

■ 84.0199, 96.5846,
101.6559

■ 8.2345, 10.4648,
10.6069

■ 108.7556,
124.1222, 130.9974

■ 4.2984, 5.7082,
5.6923

137.9241,
156.4519, 165.5027

■ 1.8723, 2.6685,
2.5932

171.8908,
193.9580, 205.5901

■ 0.5607, 0.9612,
0.8889

211.0210,

■ 0.0000, 0.0000,

237.0249, 251.6784

0.0000

255.6800,
286.0370, 304.1860

■ 32.7560, 38.8797,
40.4284

■ 32.7560, 38.8797,
40.4284

■ 29.5137, 37.2699,
37.5367

■ 36.4950, 40.7447,
43.4782

■ 26.7423, 35.8990,
34.7976

■ 40.7485, 42.8708,
46.6863

■ 24.4187, 34.7560,
32.2090

■ 45.5373, 45.2699,
50.0561

■ 22.5165, 33.8275,
29.7677

■ 50.8800, 47.9515,
53.5904

■ 21.0061, 33.0981,
27.4705

■ 56.7945, 50.9247,
57.2916

■ 19.8543, 32.5509,
25.3137

■ 63.2977, 54.1983,
61.1622

■ 19.0217, 32.1655,
23.2935

■ 67.5911, 56.3295,
65.0728

■ 18.4249, 31.8990,
21.4040

■ 68.3296, 56.6249,
68.9621

■ 69.0963, 56.9316,
72.9994

Harmonies

Analogous

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



33.6150, 38.8797, 34.8885



32.7560, 38.8797, 40.4284



32.9849, 38.8797, 47.0799

Triad

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



32.7560, 38.8797, 40.4284



38.5762, 38.8797, 55.2641



39.7925, 38.8797, 33.2139

Complementary

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



32.7560, 38.8797, 40.4284



32.7261, 30.1381, 33.7998

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.



41.2294, 38.8797, 37.9171



32.7560, 38.8797, 40.4284



40.5071, 38.8797, 50.7685

Square

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



32.7560, 38.8797, 40.4284



36.2827, 38.8797, 56.1150



41.4961, 38.8797, 44.2973



37.6335, 38.8797, 31.0159

Rectangle

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



32.7560, 38.8797, 40.4284



33.7278, 38.8797, 51.2321



41.4961, 38.8797, 44.2973



40.3797, 38.8797, 34.5298

Sweetspot

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



32.7571, 38.8813, 40.4293



68.2152, 74.3958, 80.0691



33.0605, 39.2546, 30.6459



15.0561, 16.4826, 17.7159



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.7571, 38.8813, 40.4293



55.9934, 68.3036, 70.0833



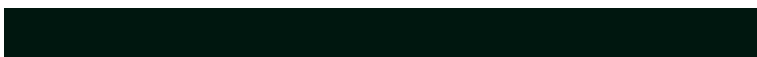
32.8822, 37.3279, 46.0312



8.1179, 9.0247, 9.6456



13.2237, 22.8548, 15.4838



0.3922, 0.6455, 0.5589

Inverse Universe

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



32.7261, 30.1381, 33.7998



55.9287, 49.7802, 56.0429



32.5776, 31.3357, 29.1428



8.1144, 8.0590, 8.9130



13.2713, 6.7711, 3.8081



0.3953, 0.1988, 0.2435

Previews

White Background



This preview shows how the XYZ color 32.7560, 38.8797, 40.4284 looks on a white background.

Color Contrast Check

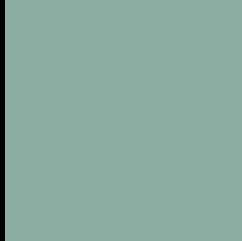
Large Text (above 18pt) WCAG AA × Fail

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 32.7560, 38.8797, 40.4284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

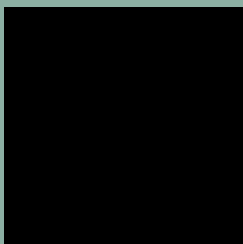
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

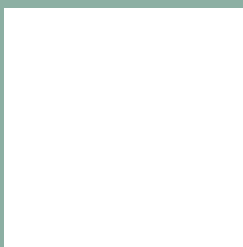
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7560, 38.8797, 40.4284

Background



This preview shows how black text looks on a background with the XYZ color 32.7560, 38.8797, 40.4284.



This preview shows how white text looks on a background with the XYZ color 32.7560, 38.8797,

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

32.7560, 38.8797, 40.4284

Protanopia

36.8210, 38.5117, 37.8406

Deuteranopia

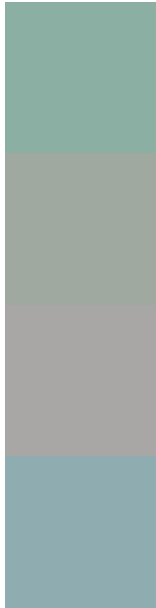
39.5704, 38.7842, 41.4769



Tritanopia

35.0111, 38.9371, 51.5693

Trichromacy



Original Color

32.7560, 38.8797, 40.4284

Protanomaly

35.0303, 38.3876, 38.8210

Deuteranomaly

36.7587, 38.6789, 41.1257

Tritanomaly

34.2071, 38.9011, 47.3007

Monochromacy



Original Color

32.7560, 38.8797, 40.4284

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.9471, 37.2503, 40.0512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7560, 38.8797, 40.4284 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(140, 175, 163)` looks like.

```
.text, #text, p{  
    color:rgb(140, 175, 163)  
}
```

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(140, 175, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 175, 163) }
```

Border

The CSS property to change the border of an element to XYZ 32.7560, 38.8797, 40.4284 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(140, 175, 163) }
```


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

```
.border{ border-color:rgb(140, 175, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 175, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 175, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 175, 163);  
box-shadow:4px 4px 4px 4px rgb(140, 175,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7560, 38.8797, 40.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 175, 163) }
```

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

```
.background{ background-color: rgb(140,  
175, 163) }
```

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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