

Converting Colors

XYZ(31.6497, 39.2682, 43.5423)

Have a look what the booklet for
XYZ(31.6497, 39.2682, 43.5423)
contains.

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Color

**XYZ(31.7390, 39.4647,
43.4808)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB3A9
RGB	125, 179, 169
RGB Percent	49%, 70%, 66%
CMY	0.5098, 0.2980, 0.3372
CMYK	0.30, 0.00, 0.06, 0.30
HSL	169°, 26%, 60%
HSV	169°, 30%, 70%
XYZ	31.7390, 39.4647, 43.4808
YIQ	161.7140, -28.9740, -14.5580

Conversions

Conversions Part 2

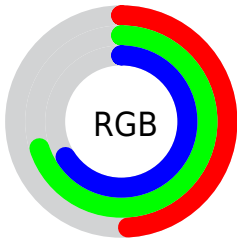
Format	Color
RYB	125, 155, 179
Decimal	8237993
CIELab	69.09, -19.87, -0.58
CIElCh	69, 19.874, 181.668
Yxy	39.4647, 0.2768, 0.3441
Android (android.graphics.Color)	4286428073 (0xFF7DB3A9)
YUV	161.7140, 3.5920, -32.1982
Hunter-Lab	62.8209, -19.7531, 2.9378

Details

The XYZ color **31.7390, 39.4647, 43.4808** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.2986, 26.0013, 26.3451**, and the grayscale version is **34.2032, 35.9845, 39.1871**.

A 20% lighter version of the original color is **61.7533, 74.3822, 81.6235**, and **13.4958, 17.6619, 19.5274** is the 20% darker color. If you saturate the color by 10%, you get **29.0506, 38.1153, 41.7514**, and if you desaturate by 10%, it is **34.9085, 41.0632, 45.2756**.

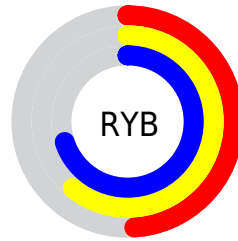
Distribution



Red (49%)

Green (70%)

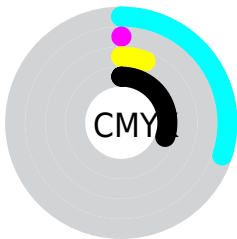
Blue (66%)



Red (49%)

Yellow (61%)

Blue (70%)

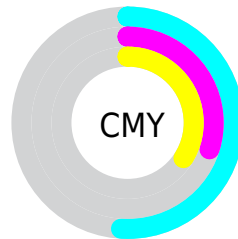


Cyan (30%)

Magenta (0%)

Yellow (6%)

Black (30%)



Cyan (51%)

Magenta (30%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7390, 39.4647, 43.4808 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 31.7390, 39.4647, 43.4808 by changing the saturation by 10% instead.

■ 31.7390, 39.4647,
43.4808

■ 31.7390, 39.4647,
43.4808

301.6950,
343.8622, 376.5645

■ 21.3168, 27.1214,
29.9283

■ 61.7697, 74.3477,
81.7300

■ 13.4695, 17.6644,
19.5326

■ 82.1088, 97.6562,
107.2639

■ 7.8319, 10.7093,
11.8751

■ 106.4844,
125.3886, 137.6286

■ 4.0385, 5.8717,
6.5372

135.2616,
157.9292, 173.2428

■ 1.7239, 2.7672,
3.1003

168.8060,
195.6625, 214.5249

■ 0.4712, 1.0115,
1.1461

207.4828,

■ 0.0000, 0.0000,

238.9728, 261.8936

0.0000

251.6573,
288.2446, 315.7672

■ 31.7390, 39.4647,
43.4808

■ 31.7390, 39.4647,
43.4808

■ 29.0506, 38.1153,
41.7514

■ 34.9085, 41.0632,
45.2756

■ 26.8146, 36.9972,
40.0833

■ 38.5792, 42.9182,
47.1345

■ 25.0043, 36.0977,
38.4757

■ 42.7741, 45.0425,
49.0598

■ 23.5889, 35.4008,
36.9268

■ 47.5138, 47.4467,
51.0526

■ 22.5333, 34.8886,
35.4348

■ 52.8179, 50.1409,
53.1142

■ 21.7963, 34.5397,
33.9974

■ 58.7047, 53.1346,
55.2458

■ 21.2973, 34.3121,
32.6330

■ 65.1921, 56.4369,
57.4484

■ 67.2706, 57.4654,
59.4879

■ 67.6510, 57.6176,
61.4914

Harmonies

Analogous

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



32.3946, 39.4647, 35.2040



31.7390, 39.4647, 43.4808



32.5559, 39.4647, 52.8063

Triad

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



31.7390, 39.4647, 43.4808



40.8033, 39.4647, 59.6132



40.4789, 39.4647, 29.3587

Complementary

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



31.7390, 39.4647, 43.4808



30.2986, 26.0013, 26.3451

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.



42.9429, 39.4647, 34.4385



31.7390, 39.4647, 43.4808



43.1375, 39.4647, 51.8024

Square

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



31.7390, 39.4647, 43.4808



37.6878, 39.4647, 62.8970



43.9413, 39.4647, 42.4639



37.3328, 39.4647, 27.7712

Rectangle

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



31.7390, 39.4647, 43.4808



33.8538, 39.4647, 58.1767



43.9413, 39.4647, 42.4639



41.4205, 39.4647, 30.6755

Sweetspot

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



31.7401, 39.4663, 43.4817



69.8110, 77.2263, 84.7579



29.9439, 38.9400, 25.3408



15.2408, 16.9952, 18.6697



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.



31.7401, 39.4663, 43.4817



53.6457, 69.0729, 75.8628



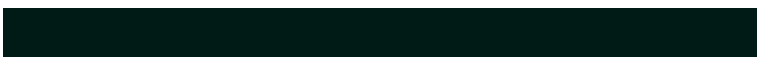
29.6571, 33.7395, 47.5988



8.6738, 9.6040, 10.5418



15.0713, 24.2545, 23.1762



0.4917, 0.7702, 0.8214

Inverse Universe

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



30.2986, 26.0013, 26.3451



50.6648, 41.1847, 40.3938



31.8478, 30.1744, 23.5485



8.5585, 8.5301, 9.1737



13.3505, 6.8578, 1.7400



0.4392, 0.2234, 0.1556

Previews

White Background



This preview shows how the XYZ color 31.7390, 39.4647, 43.4808 looks on a white background.

Color Contrast Check

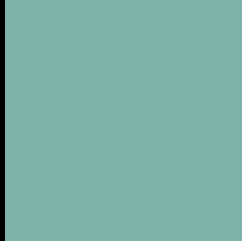
Large Text (above 18pt) WCAG AA × Fail

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 31.7390, 39.4647, 43.4808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

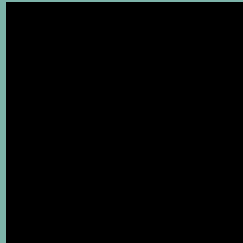
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.7390, 39.4647, 43.4808

Background



This preview shows how black text looks on a background with the XYZ color 31.7390, 39.4647, 43.4808.

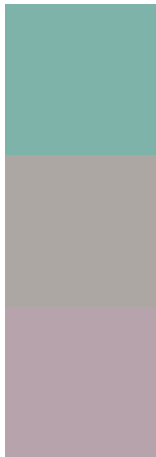


This preview shows how white text looks on a background with the XYZ color 31.7390, 39.4647,

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

31.7390, 39.4647, 43.4808

Protanopia

37.3536, 39.0167, 39.7447

Deuteranopia

39.8350, 39.1180, 44.4807



Tritanopia

34.0255, 39.5142, 54.5489

Trichromacy



Original Color

31.7390, 39.4647, 43.4808

Protanomaly

34.8720, 38.8110, 41.2506

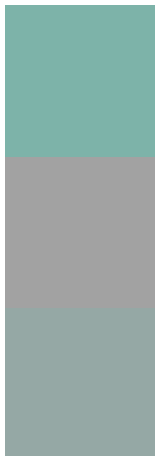
Deuteranomaly

36.2366, 38.8933, 44.1254

Tritanomaly

33.0677, 39.4109, 50.1202

Monochromacy



Original Color

31.7390, 39.4647, 43.4808

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.1886, 37.1114, 41.0113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7390, 39.4647, 43.4808 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(125, 179, 169)` looks like.

```
.text, #text, p{  
    color:rgb(125, 179, 169)  
}
```

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(125, 179, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 179, 169) }
```

Border

The CSS property to change the border of an element to XYZ 31.7390, 39.4647, 43.4808 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(125, 179, 169) }
```


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

```
.border{ border-color:rgb(125, 179, 169) }
```

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

Here you see how a box with a 4 pixel rgb(125, 179, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 179, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 179, 169);  
box-shadow:4px 4px 4px 4px rgb(125, 179,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7390, 39.4647, 43.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 179, 169) }
```

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

```
.background{ background-color: rgb(125,  
179, 169) }
```

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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