

Converting Colors

XYZ(31.3375, 39.2365, 39.8971)

Have a look what the booklet for
XYZ(31.3375, 39.2365, 39.8971)
contains.

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Color

**XYZ(31.3941, 39.3609,
40.1252)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB3A2
RGB	127, 179, 162
RGB Percent	50%, 70%, 64%
CMY	0.5020, 0.2980, 0.3647
CMYK	0.29, 0.00, 0.09, 0.30
HSL	160°, 25%, 60%
HSV	160°, 29%, 70%
XYZ	31.3941, 39.3609, 40.1252
YIQ	161.5140, -25.5350, -16.3110

Conversions

Conversions Part 2

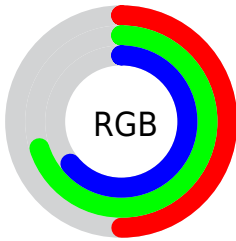
Format	Color
RYB	127, 158, 179
Decimal	8369058
CIELab	69.01, -20.80, 3.18
CIElCh	69, 21.047, 171.301
Yxy	39.3609, 0.2831, 0.3550
Android (android.graphics.Color)	4286559138 (0xFF7FB3A2)
YUV	161.5140, 0.2396, -30.2688
Hunter-Lab	62.7383, -20.4709, 5.9970

Details

The XYZ color **31.3941, 39.3609, 40.1252** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.2152, 26.7771, 29.9105**, and the grayscale version is **34.1239, 35.9010, 39.0962**.

A 20% lighter version of the original color is **61.2888, 74.2502, 76.7471**, and **13.2558, 17.5840, 17.4472** is the 20% darker color. If you saturate the color by 10%, you get **28.4534, 37.9047, 37.3353**, and if you desaturate by 10%, it is **34.8349, 41.0742, 43.0666**.

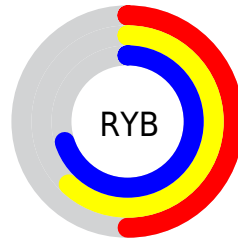
Distribution



Red (50%)

Green (70%)

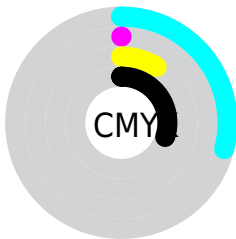
Blue (64%)



Red (50%)

Yellow (62%)

Blue (70%)

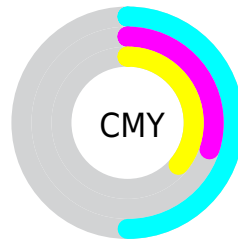


Cyan (29%)

Magenta (0%)

Yellow (9%)

Black (30%)



Cyan (50%)

Magenta (30%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3941, 39.3609, 40.1252 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 31.3941, 39.3609, 40.1252 by changing the saturation by 10% instead.

■ 31.3941, 39.3609,
40.1252

■ 31.3941, 39.3609,
40.1252

300.1444,
343.4225, 362.2188

■ 21.0524, 27.0406,
27.3216

■ 61.2316, 74.1893,
76.5933

■ 13.2750, 17.6037,
17.5804

■ 81.4582, 97.4662,
101.0949

■ 7.6965, 10.6659,
10.4828

■ 105.7105,
125.1642, 130.3330

■ 3.9515, 5.8426,
5.6105

134.3538,
157.6675, 164.7260

■ 1.6747, 2.7496,
2.5448

167.7535,
195.3605, 204.6926

■ 0.4404, 1.0025,
0.8637

206.2749,

■ 0.0000, 0.0000,

238.6278, 250.6512

0.0000

250.2834,
287.8536, 303.0204

■ 31.3941, 39.3609,
40.1252

■ 31.3941, 39.3609,
40.1252

■ 28.4534, 37.9047,
37.3353

■ 34.8349, 41.0742,
43.0666

■ 25.9840, 36.6876,
34.6913

■ 38.7961, 43.0519,
46.1597

■ 23.9593, 35.6971,
32.1911

■ 43.3007, 45.3069,
49.4079

■ 22.3488, 34.9174,
29.8315

■ 48.3694, 47.8498,
52.8138

■ 21.1174, 34.3305,
27.6091

■ 54.0219, 50.6907,
56.3800

■ 20.2246, 33.9155,
25.5201

■ 60.2768, 53.8391,
60.1087

■ 19.5953, 33.6339,
23.5590

■ 67.1519, 57.3043,
64.0025

■ 19.5401, 33.6094,
23.3790

■ 68.8475, 58.0963,
67.7914

■ 69.5848, 58.3913,
71.6743

Harmonies

Analogous

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



32.6025, 39.3609, 32.3196



31.3941, 39.3609, 40.1252



31.7210, 39.3609, 49.9197

Triad

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



31.3941, 39.3609, 40.1252



39.8023, 39.3609, 62.4618



41.5883, 39.3609, 30.0033

Complementary

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



31.3941, 39.3609, 40.1252



31.2152, 26.7771, 29.9105

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.



43.7445, 39.3609, 36.4946



31.3941, 39.3609, 40.1252



42.6712, 39.3609, 55.4676

Square

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



31.3941, 39.3609, 40.1252



36.4448, 39.3609, 63.8197



44.1522, 39.3609, 45.7107



38.3949, 39.3609, 27.0756

Rectangle

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



31.3941, 39.3609, 40.1252



32.7745, 39.3609, 56.2337



44.1522, 39.3609, 45.7107



42.4662, 39.3609, 31.7906

Sweetspot

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



31.3952, 39.3625, 40.1261



69.4030, 77.0631, 82.6096



31.5120, 39.7336, 26.0878



15.1366, 16.9536, 18.1214



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.



31.3952, 39.3625, 40.1261



52.6815, 68.7364, 68.5626



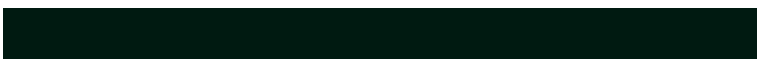
31.3276, 36.6428, 48.0714



8.6221, 9.5833, 10.2697



13.8382, 23.7613, 16.6827



0.4609, 0.7578, 0.6590

Inverse Universe

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



31.2152, 26.7771, 29.9105



52.3091, 42.4333, 47.2309



31.1797, 28.6317, 23.9624



8.6071, 8.5496, 9.4295



13.7131, 7.0028, 3.6493



0.4590, 0.2314, 0.2599

Previews

White Background



This preview shows how the XYZ color 31.3941, 39.3609, 40.1252 looks on a white background.

Color Contrast Check

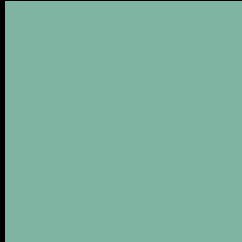
Large Text (above 18pt) WCAG AA × Fail

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 31.3941, 39.3609, 40.1252 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 31.3941, 39.3609, 40.1252

Background



This preview shows how black text looks on a background with the XYZ color 31.3941, 39.3609, 40.1252.



This preview shows how white text looks on a background with the XYZ color 31.3941, 39.3609,

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

31.3941, 39.3609, 40.1252

Protanopia

37.2750, 39.0364, 37.0227

Deuteranopia

39.7194, 38.8716, 41.0068



Tritanopia

34.1881, 39.3206, 53.9318

Trichromacy



Original Color

31.3941, 39.3609, 40.1252

Protanomaly

34.6391, 38.7625, 38.0040

Deuteranomaly

36.0133, 38.5781, 40.6702

Tritanomaly

33.0221, 39.1306, 48.4603

Monochromacy



Original Color

31.3941, 39.3609, 40.1252

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

32.9186, 37.0035, 39.5898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3941, 39.3609, 40.1252 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, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(127, 179, 162)  
}
```

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, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 179, 162) }
```

Border

The CSS property to change the border of an element to XYZ 31.3941, 39.3609, 40.1252 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, 179, 162) }
```


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

```
.border{ border-color:rgb(127, 179, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 179, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 179, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 179, 162); box-shadow:4px 4px 4px 4px rgb(127, 179, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3941, 39.3609, 40.1252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 179, 162) }
```

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

```
.background{ background-color: rgb(127,  
179, 162) }
```

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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