

Converting Colors

XYZ(37.7848, 43.0653, 47.3110)

Have a look what the booklet for
XYZ(37.7848, 43.0653, 47.3110)
contains.

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Color

**XYZ(37.8779, 43.1509,
47.4069)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB5B0
RGB	155, 181, 176
RGB Percent	61%, 71%, 69%
CMY	0.3922, 0.2902, 0.3098
CMYK	0.14, 0.00, 0.03, 0.29
HSL	168°, 15%, 66%
HSV	168°, 14%, 71%
XYZ	37.8779, 43.1509, 47.4069
YIQ	172.6560, -13.8910, -7.0670

Conversions

Conversions Part 2

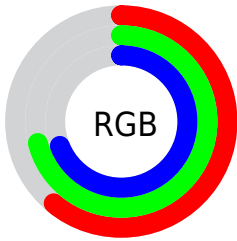
Format	Color
R_{YB}	155, 169, 181
Decimal	10204592
CIE _{Lab}	71.66, -9.89, -0.45
CIE _{LCh}	72, 9.896, 182.618
Yxy	43.1509, 0.2949, 0.3360
Android (android.graphics.Color)	4288394672 (0xFF9BB5B0)
YUV	172.6560, 1.6486, -15.4843
Hunter-Lab	65.6893, -12.0294, 3.1939

Details

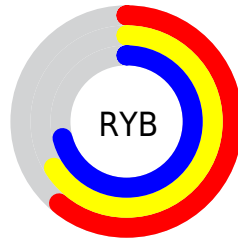
The XYZ color **37.8779, 43.1509, 47.4069** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.1241, 35.8056, 38.2141**, and the grayscale version is **39.5433, 41.6026, 45.3053**.

A 20% lighter version of the original color is **71.4280, 80.0962, 88.0394**, and **17.0662, 19.8366, 21.9982** is the 20% darker color. If you saturate the color by 10%, you get **34.3213, 41.3579, 45.4655**, and if you desaturate by 10%, it is **41.9665, 45.2195, 49.4211**.

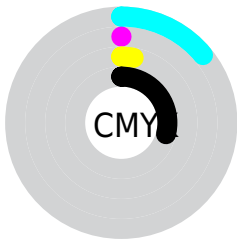
Distribution



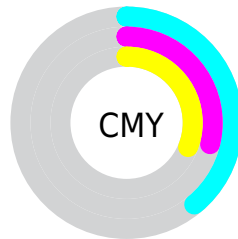
- Red (61%)
- Green (71%)
- Blue (69%)



- Red (61%)
- Yellow (66%)
- Blue (71%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (39%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8779, 43.1509, 47.4069 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 37.8779, 43.1509, 47.4069 by changing the saturation by 10% instead.

■ 37.8779, 43.1509,
47.4069

■ 37.8779, 43.1509,
47.4069

328.3858,
359.2320, 392.8771

■ 26.0647, 30.0035,
33.0008

■ 71.2261, 79.9385,
87.6770

■ 17.0050, 19.8413,
21.8559

■ 93.4917, 104.3476,
114.3781

■ 10.3334, 12.2797,
13.5538

119.9723,
133.2793, 146.0146

■ 5.6845, 6.9345,
7.6758

151.0331,
167.1181, 183.0050

■ 2.6930, 3.4212,
3.8034

187.0395,
206.2484, 225.7680

■ 0.9936, 1.3554,
1.5181

228.3569,

■ 0.0000, 0.1835,

251.0545, 274.7219

0.2314

275.3505,
301.9209, 330.2854

■ 0.0000, 0.0000,
0.0000

■ 37.8779, 43.1509,
47.4069

■ 37.8779, 43.1509,
47.4069

■ 34.3213, 41.3579,
45.4655

■ 41.9665, 45.2195,
49.4211

■ 31.2700, 39.8232,
43.5927

■ 46.6051, 47.5694,
51.5067

■ 28.7001, 38.5356,
41.7879

■ 51.8156, 50.2131,
53.6658

■ 26.5848, 37.4814,
40.0495

■ 57.6172, 53.1605,
55.8997

■ 24.8941, 36.6451,
38.3757

■ 64.0285, 56.4212,
58.2096

■ 23.5949, 36.0097,
36.7647

■ 67.8307, 58.3358,
60.4453

■ 22.6486, 35.5552,
35.2142

■ 68.2342, 58.4972,
62.5700

■ 22.0089, 35.2578,
33.7217

■ 68.6470, 58.6623,
64.7435

■ 21.7271, 35.1303,
32.9036

■ 69.0691, 58.8311,
66.9663

Harmonies

Analogous

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



38.2181, 43.1509, 42.8659



37.8779, 43.1509, 47.4069



38.3588, 43.1509, 52.1366

Triad

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



37.8779, 43.1509, 47.4069



42.7754, 43.1509, 55.1942



42.5137, 43.1509, 39.2560

Complementary

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



37.8779, 43.1509, 47.4069



37.1241, 35.8056, 38.2141

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.



43.7883, 43.1509, 42.1826



37.8779, 43.1509, 47.4069



43.9422, 43.1509, 51.3578

Square

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



37.8779, 43.1509, 47.4069



41.1610, 43.1509, 56.8198



44.3178, 43.1509, 46.5636



40.8666, 43.1509, 38.3543

Rectangle

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



37.8779, 43.1509, 47.4069



39.0881, 43.1509, 54.7059



44.3178, 43.1509, 46.5636



43.0014, 43.1509, 40.0253

Sweetspot

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



37.8791, 43.1527, 47.4079



75.3913, 81.1016, 88.6177



36.9788, 42.9104, 37.3445



16.1691, 17.4654, 19.0943



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.



37.8791, 43.1527, 47.4079



65.8819, 76.2945, 83.8743



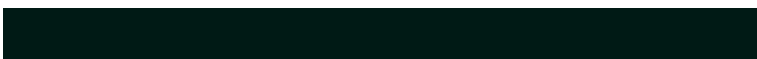
36.8413, 40.2702, 49.5494



8.6712, 9.6030, 10.5279



15.0018, 24.2267, 22.8102



0.4900, 0.7695, 0.8126

Inverse Universe

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



37.1241, 35.8056, 38.2141



64.2880, 60.7809, 64.4636



38.0356, 38.3150, 36.4018



8.5610, 8.5311, 9.1865



13.3641, 6.8632, 1.8112



0.4402, 0.2238, 0.1609

Previews

White Background



This preview shows how the XYZ color 37.8779, 43.1509, 47.4069 looks on a white background.

Color Contrast Check

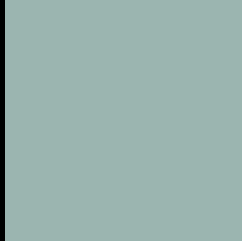
Large Text (above 18pt) WCAG AA × Fail

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 37.8779, 43.1509, 47.4069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

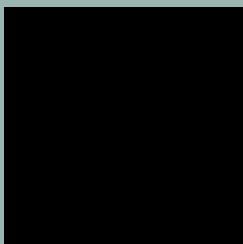
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

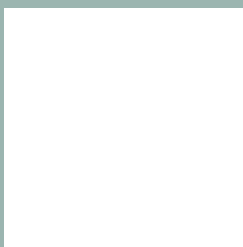
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.8779, 43.1509, 47.4069

Background



This preview shows how black text looks on a background with the XYZ color 37.8779, 43.1509, 47.4069.



This preview shows how white text looks on a background with the XYZ color 37.8779, 43.1509,

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

37.8779, 43.1509, 47.4069

Protanopia

41.1729, 42.8344, 45.1275

Deuteranopia

43.8965, 43.0402, 48.1135



Tritanopia

39.6466, 42.9601, 56.6546

Trichromacy



Original Color

37.8779, 43.1509, 47.4069

Protanomaly

39.8425, 43.0075, 45.7365

Deuteranomaly

41.4320, 42.9114, 47.6940

Tritanomaly

38.9944, 42.9962, 53.2576

Monochromacy



Original Color

37.8779, 43.1509, 47.4069

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.8912, 42.2137, 46.1427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8779, 43.1509, 47.4069 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(155, 181, 176)` looks like.

```
.text, #text, p{  
    color:rgb(155, 181, 176)  
}
```

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(155, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 181, 176) }
```

Border

The CSS property to change the border of an element to XYZ 37.8779, 43.1509, 47.4069 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(155, 181, 176) }
```


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

```
.border{ border-color:rgb(155, 181, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 181, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 181, 176);  
box-shadow:4px 4px 4px 4px rgb(155, 181,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8779, 43.1509, 47.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 181, 176) }
```

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

```
.background{ background-color: rgb(155,  
181, 176) }
```

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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