

Converting Colors

XYZ(38.1135, 44.7508, 50.3473)

Have a look what the booklet for
XYZ(38.1135, 44.7508, 50.3473)
contains.

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Color

**XYZ(38.1121, 44.7499,
50.3449)**

Conversions

Conversions Part 1

Format	Color
Hex	94BAB5
RGB	148, 186, 181
RGB Percent	58%, 73%, 71%
CMY	0.4196, 0.2706, 0.2902
CMYK	0.20, 0.00, 0.03, 0.27
HSL	172°, 22%, 65%
HSV	172°, 20%, 73%
XYZ	38.1121, 44.7499, 50.3449
YIQ	174.0680, -21.0430, -9.6110

Conversions

Conversions Part 2

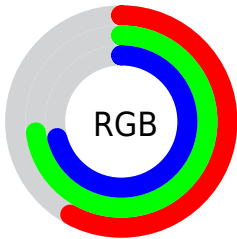
Format	Color
R_{YB}	148, 168, 186
Decimal	9747125
CIE _{Lab}	72.73, -13.74, -1.68
CIE _{LCh}	73, 13.841, 186.958
Yxy	44.7499, 0.2861, 0.3359
Android (android.graphics.Color)	4287937205 (0xFF94BAB5)
YUV	174.0680, 3.4175, -22.8616
Hunter-Lab	66.8954, -15.3706, 2.2056

Details

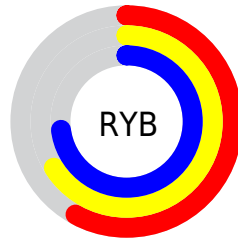
The XYZ color **38.1121, 44.7499, 50.3449** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.5909, 33.9200, 34.7575**, and the grayscale version is **40.2588, 42.3554, 46.1250**.

A 20% lighter version of the original color is **71.6668, 82.3152, 92.2319**, and **17.1077, 20.8204, 23.5391** is the 20% darker color. If you saturate the color by 10%, you get **34.7656, 43.0547, 48.8891**, and if you desaturate by 10%, it is **42.0063, 46.7293, 51.8513**.

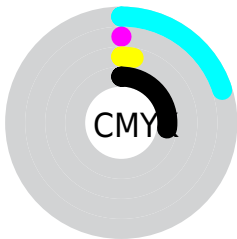
Distribution



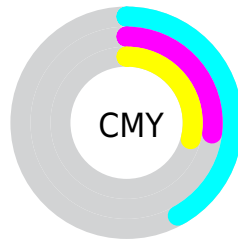
- Red (58%)
- Green (73%)
- Blue (71%)



- Red (58%)
- Yellow (66%)
- Blue (73%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (42%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1121, 44.7499, 50.3449 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 38.1121, 44.7499, 50.3449 by changing the saturation by 10% instead.

■ 38.1121, 44.7499,
50.3449

■ 38.1121, 44.7499,
50.3449

329.3732,
365.7597, 404.7868

■ 26.2473, 31.2605,
35.3144

■ 71.5827, 82.3450,
92.0872

■ 17.1424, 20.7973,
23.6197

■ 93.9193, 107.2194,
119.6362

■ 10.4320, 12.9759,
14.8422

120.4771,
136.6577, 152.1951

■ 5.7508, 7.4120,
8.5633

151.6216,
171.0441, 190.1824

■ 2.7333, 3.7210,
4.3646

187.7181,
210.7631, 234.0166

■ 1.0144, 1.5188,
1.8274

229.1319,

■ 0.0000, 0.3019,

256.1992, 284.1165

0.4459

276.2285,
307.7365, 340.9003

■ 0.0000, 0.0000,
0.0000

■ 38.1121, 44.7499,
50.3449

■ 38.1121, 44.7499,
50.3449

■ 34.7656, 43.0547,
48.8891

■ 42.0063, 46.7293,
51.8513

■ 31.9370, 41.6248,
47.4795

■ 46.4683, 48.9998,
53.4065

■ 29.5999, 40.4477,
46.1157

■ 51.5221, 51.5748,
55.0127

■ 27.7235, 39.5076,
44.7962

■ 57.1890, 54.4654,
56.6710

■ 26.2740, 38.7872,
43.5193

■ 63.4895, 57.6820,
58.3824

■ 25.2127, 38.2663,
42.2830

■ 68.7286, 60.3510,
60.0678

■ 24.4938, 37.9214,
41.0850

■ 69.0090, 60.4632,
61.5448

■ 24.0386, 37.7110,
39.9704

■ 69.2941, 60.5772,
63.0460

■ 69.5838, 60.6931,
64.5712

Harmonies

Analogous

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



38.4238, 44.7499, 43.7296



38.1121, 44.7499, 50.3449



38.9490, 44.7499, 57.1172

Triad

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



38.1121, 44.7499, 50.3449



45.3708, 44.7499, 60.0759



44.3667, 44.7499, 37.5396

Complementary

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



38.1121, 44.7499, 50.3449



36.5909, 33.9200, 34.7575

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.



46.3314, 44.7499, 41.1980



38.1121, 44.7499, 50.3449



46.9262, 44.7499, 54.0871

Square

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



38.1121, 44.7499, 50.3449



43.0953, 44.7499, 63.0678



47.2841, 44.7499, 47.1403



41.9764, 44.7499, 36.7405

Rectangle

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



38.1121, 44.7499, 50.3449



40.0648, 44.7499, 60.6740



47.2841, 44.7499, 47.1403



45.1015, 44.7499, 38.4579

Sweetspot

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



38.1134, 44.7517, 50.3459



79.5094, 86.4119, 95.1891



36.0550, 44.0366, 34.6173



17.3943, 18.9708, 20.9217



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.1134, 44.7517, 50.3459



65.9355, 79.5167, 89.9242



35.8422, 39.3730, 52.1672



9.2144, 10.1897, 11.2866



16.1914, 25.3775, 26.9938



0.5851, 0.9003, 1.0267

Inverse Universe

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



36.5909, 33.9200, 34.7575



62.6250, 55.9524, 56.0197



38.5051, 38.3958, 33.3994



9.0515, 9.0310, 9.6184



13.7539, 7.0753, 1.3250



0.5005, 0.2557, 0.1290

Previews

White Background



This preview shows how the XYZ color 38.1121, 44.7499, 50.3449 looks on a white background.

Color Contrast Check

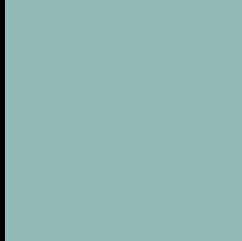
Large Text (above 18pt) WCAG AA × Fail

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 38.1121, 44.7499, 50.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

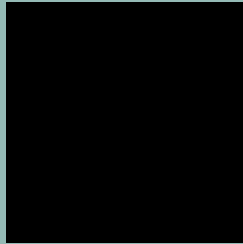
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1121, 44.7499, 50.3449

Background



This preview shows how black text looks on a background with the XYZ color 38.1121, 44.7499, 50.3449.

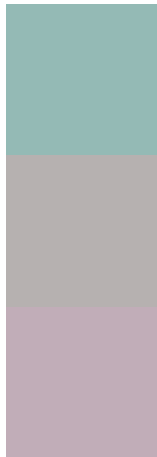


This preview shows how white text looks on a background with the XYZ color 38.1121, 44.7499,

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

38.1121, 44.7499, 50.3449

Protanopia

42.8500, 44.5240, 47.4098

Deuteranopia

45.5876, 44.6853, 51.5698



Tritanopia

39.8890, 44.5235, 59.9176

Trichromacy



Original Color

38.1121, 44.7499, 50.3449

Protanomaly

40.9347, 44.4029, 48.5326

Deuteranomaly

42.5991, 44.6068, 51.1645

Tritanomaly

39.2326, 44.5708, 56.4044

Monochromacy



Original Color

38.1121, 44.7499, 50.3449

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.3733, 43.0144, 47.8224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1121, 44.7499, 50.3449 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(148, 186, 181)` looks like.

```
.text, #text, p{  
    color:rgb(148, 186, 181)  
}
```

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(148, 186, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 186, 181) }
```

Border

The CSS property to change the border of an element to XYZ 38.1121, 44.7499, 50.3449 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(148, 186, 181) }
```


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

```
.border{ border-color:rgb(148, 186, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 186, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 186, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 186, 181);  
box-shadow:4px 4px 4px 4px rgb(148, 186,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1121, 44.7499, 50.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 186, 181) }
```

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

```
.background{ background-color: rgb(148,  
186, 181) }
```

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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