

Converting Colors

XYZ(38.3573, 44.9115, 48.7666)

Have a look what the booklet for
XYZ(38.3573, 44.9115, 48.7666)
contains.

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Color

**XYZ(38.3573, 44.9115,
48.7666)**

Conversions

Conversions Part 1

Format	Color
Hex	97BAB2
RGB	151, 186, 178
RGB Percent	59%, 73%, 70%
CMY	0.4078, 0.2706, 0.3020
CMYK	0.19, 0.00, 0.04, 0.27
HSL	166°, 20%, 66%
HSV	166°, 19%, 73%
XYZ	38.3573, 44.9115, 48.7666
YIQ	174.6230, -18.2920, -9.9080

Conversions

Conversions Part 2

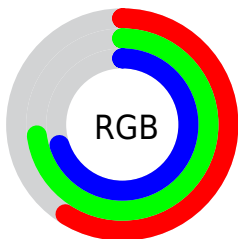
Format	Color
RYB	151, 171, 186
Decimal	9943730
CIELab	72.83, -13.41, 0.14
CIElCh	73, 13.411, 179.400
Yxy	44.9115, 0.2905, 0.3401
Android (android.graphics.Color)	4288133810 (0xFF97BAB2)
YUV	174.6230, 1.6649, -20.7174
Hunter-Lab	67.0160, -15.1118, 3.7668

Details

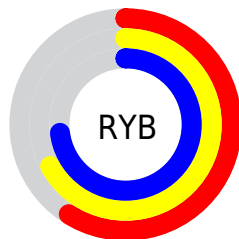
The XYZ color **38.3573, 44.9115, 48.7666** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5759, 35.0767, 37.5929**, and the grayscale version is **40.5523, 42.6641, 46.4612**.

A 20% lighter version of the original color is **72.0570, 82.5666, 89.9810**, and **17.2348, 20.9084, 22.5294** is the 20% darker color. If you saturate the color by 10%, you get **34.7538, 43.1036, 46.4042**, and if you desaturate by 10%, it is **42.5212, 47.0092, 51.2263**.

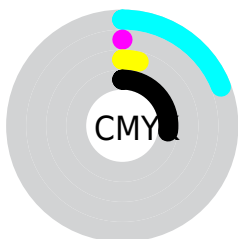
Distribution



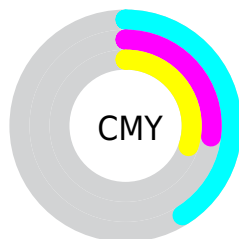
- Red (59%)
- Green (73%)
- Blue (70%)



- Red (59%)
- Yellow (67%)
- Blue (73%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



- Cyan (41%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3573, 44.9115, 48.7666 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 38.3573, 44.9115, 48.7666 by changing the saturation by 10% instead.

■ 38.3573, 44.9115,
48.7666

■ 38.3573, 44.9115,
48.7666

330.4046,
366.4150, 398.4188

■ 26.4386, 31.3877,
34.0701

■ 71.9558, 82.5876,
89.7221

■ 17.2864, 20.8943,
22.6696

■ 94.3664, 107.5087,
116.8182

■ 10.5355, 13.0467,
14.1468

121.0049,
136.9977, 148.8845

■ 5.8204, 7.4607,
8.0829

152.2367,
171.4390, 186.3396

■ 2.7758, 3.7519,
4.0595

188.4273,
211.2170, 229.6020

■ 1.0363, 1.5358,
1.6580

229.9419,

■ 0.0000, 0.3137,

256.7161, 279.0903

0.3317

277.1459,
308.3206, 335.2231

■ 0.0000, 0.0000,
0.0000

■ 38.3573, 44.9115,
48.7666

■ 38.3573, 44.9115,
48.7666

■ 34.7538, 43.1036,
46.4042

■ 42.5212, 47.0092,
51.2263

■ 31.6814, 41.5668,
44.1341

■ 47.2656, 49.4033,
53.7819

■ 29.1136, 40.2886,
41.9556

■ 52.6143, 52.1075,
56.4361

■ 27.0203, 39.2536,
39.8665

■ 58.5887, 55.1326,
59.1905

■ 25.3681, 38.4444,
37.8646

■ 65.2088, 58.4891,
62.0467

■ 24.1190, 37.8416,
35.9476

■ 69.6410, 60.7160,
64.8725

■ 23.2285, 37.4222,
34.1126

■ 70.1566, 60.9222,
67.5877

■ 22.6198, 37.1467,
32.3554

■ 70.6863, 61.1341,
70.3768

■ 22.5539, 37.1172,
32.1522

■ 71.2300, 61.3516,
73.2403

Harmonies

Analogous

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



38.9416, 44.9115, 42.6493



38.3573, 44.9115, 48.7666



38.8975, 44.9115, 55.4817

Triad

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



38.3573, 44.9115, 48.7666



44.9269, 44.9115, 60.9674



45.0111, 44.9115, 38.6568

Complementary

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



38.3573, 44.9115, 48.7666



37.5759, 35.0767, 37.5929

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.



46.7151, 44.9115, 42.8623



38.3573, 44.9115, 48.7666



46.6652, 44.9115, 55.7356

Square

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



38.3573, 44.9115, 48.7666



42.6401, 44.9115, 62.9031



47.3309, 44.9115, 49.0356



42.7340, 44.9115, 37.1482

Rectangle

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



38.3573, 44.9115, 48.7666



39.8342, 44.9115, 59.3169



47.3309, 44.9115, 49.0356



45.6729, 44.9115, 39.7819

Sweetspot

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



38.3586, 44.9134, 48.7676



79.3003, 86.3283, 94.0881



37.4774, 44.7421, 35.9397



17.3434, 18.9505, 20.6537



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.



38.3586, 44.9134, 48.7676



66.4203, 79.8449, 86.4144



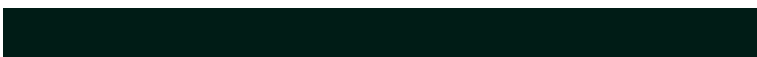
37.2832, 41.4389, 52.4901



9.1764, 10.1746, 11.0865



15.2024, 24.9819, 21.7857



0.5578, 0.8894, 0.8831

Inverse Universe

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



37.5759, 35.0767, 37.5929



64.7155, 58.4003, 62.0597



38.4658, 37.9322, 34.5732



9.0865, 9.0450, 9.8028



13.9352, 7.1478, 2.2796



0.5154, 0.2616, 0.2075

Previews

White Background



This preview shows how the XYZ color 38.3573, 44.9115, 48.7666 looks on a white background.

Color Contrast Check

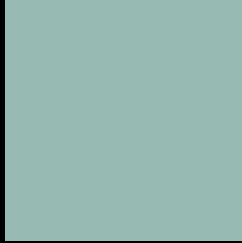
Large Text (above 18pt) WCAG AA × Fail

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 38.3573, 44.9115, 48.7666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

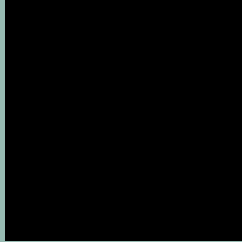
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3573, 44.9115, 48.7666

Background



This preview shows how black text looks on a background with the XYZ color 38.3573, 44.9115, 48.7666.



This preview shows how white text looks on a background with the XYZ color 38.3573, 44.9115,

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

38.3573, 44.9115, 48.7666

Protanopia

42.9917, 44.9252, 45.9407

Deuteranopia

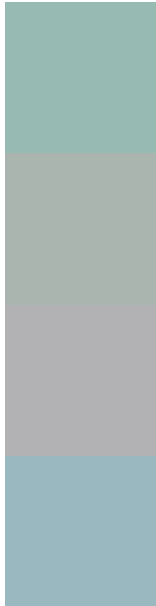
45.5322, 44.6927, 49.9428



Tritanopia

40.6441, 44.9128, 59.9529

Trichromacy



Original Color

38.3573, 44.9115, 48.7666

Protanomaly

41.0563, 44.8008, 47.0410

Deuteranomaly

42.5187, 44.6011, 49.5479

Tritanomaly

39.8709, 44.9126, 55.8578

Monochromacy



Original Color

38.3573, 44.9115, 48.7666

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.6825, 43.4818, 47.3756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3573, 44.9115, 48.7666 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(151, 186, 178)` looks like.

```
.text, #text, p{  
    color:rgb(151, 186, 178)  
}
```

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(151, 186, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 186, 178) }
```

Border

The CSS property to change the border of an element to XYZ 38.3573, 44.9115, 48.7666 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(151, 186, 178) }
```


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

```
.border{ border-color:rgb(151, 186, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 186, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 186, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 186, 178); box-shadow:4px 4px 4px 4px rgb(151, 186, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3573, 44.9115, 48.7666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 186, 178) }
```

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

```
.background{ background-color: rgb(151,  
186, 178) }
```

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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