

Converting Colors

XYZ(37.9993, 44.6462, 47.2939)

Have a look what the booklet for
XYZ(37.9993, 44.6462, 47.2939)
contains.

XYZ(38.0593, 44.7923, 47.1973)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.0593, 44.7923,
47.1973)**

Conversions

Conversions Part 1

Format	Color
Hex	97BAAF
RGB	151, 186, 175
RGB Percent	59%, 73%, 69%
CMY	0.4078, 0.2706, 0.3137
CMYK	0.19, 0.00, 0.06, 0.27
HSL	161°, 20%, 66%
HSV	161°, 19%, 73%
XYZ	38.0593, 44.7923, 47.1973
YIQ	174.2810, -17.3290, -10.8410

Conversions

Conversions Part 2

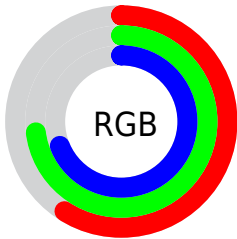
Format	Color
RYB	151, 172, 186
Decimal	9943727
CIELab	72.75, -14.03, 1.66
CIELCh	73, 14.129, 173.236
Yxy	44.7923, 0.2927, 0.3444
Android (android.graphics.Color)	4288133807 (0xFF97BAAF)
YUV	174.2810, 0.3545, -20.4174
Hunter-Lab	66.9270, -15.6150, 5.0373

Details

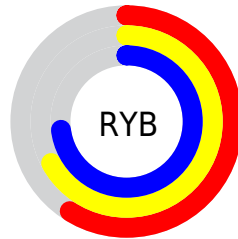
The XYZ color **38.0593, 44.7923, 47.1973** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.8395, 35.1822, 38.9809**, and the grayscale version is **40.3822, 42.4853, 46.2664**.

A 20% lighter version of the original color is **71.4887, 82.3392, 86.9881**, and **17.1083, 20.8578, 21.8631** is the 20% darker color. If you saturate the color by 10%, you get **34.3143, 42.9278, 44.0896**, and if you desaturate by 10%, it is **42.3763, 46.9512, 50.4635**.

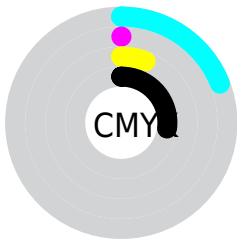
Distribution



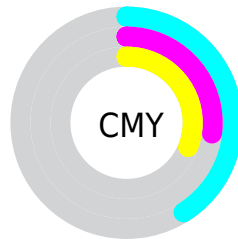
- Red (59%)
- Green (73%)
- Blue (69%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (41%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0593, 44.7923, 47.1973 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 38.0593, 44.7923, 47.1973 by changing the saturation by 10% instead.

■ 38.0593, 44.7923,
47.1973

■ 38.0593, 44.7923,
47.1973

329.1507,
365.9317, 392.0181

■ 26.2061, 31.2939,
32.8362

■ 71.5023, 82.4086,
87.3611

■ 17.1114, 20.8227,
21.7309

■ 93.8229, 107.2953,
114.0009

■ 10.4098, 12.9945,
13.4629

120.3633,
136.7469, 145.5707

■ 5.7358, 7.4247,
7.6136

151.4890,
171.1478, 182.4890

■ 2.7242, 3.7291,
3.7645

187.5652,
210.8823, 225.1743

■ 1.0097, 1.5232,
1.4971

228.9573,

■ 0.0000, 0.3050,

256.3348, 274.0452

0.2157

276.0307,
307.8899, 329.5203

■ 0.0000, 0.0000,
0.0000

■ 38.0593, 44.7923,
47.1973

■ 38.0593, 44.7923,
47.1973

■ 34.3143, 42.9278,
44.0896

■ 42.3763, 46.9512,
50.4635

■ 31.1118, 41.3389,
41.1345

■ 47.2857, 49.4114,
53.8879

■ 28.4252, 40.0132,
38.3302

■ 52.8114, 52.1864,
57.4741

■ 26.2241, 38.9351,
35.6734

■ 58.9749, 55.2871,
61.2246

■ 24.4749, 38.0871,
33.1609

■ 65.7966, 58.7242,
65.1420

■ 23.1394, 37.4498,
30.7892

■ 70.4429, 61.0367,
69.0951

■ 22.1730, 37.0000,
28.5543

■ 71.1853, 61.3337,
73.0045

■ 21.4985, 36.6982,
26.4508

■ 71.9546, 61.6414,
77.0555

■ 21.4255, 36.6658,
26.2102

■ 72.7510, 61.9600,
81.2497

Harmonies

Analogous

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



38.9057, 44.7923, 41.1243



38.0593, 44.7923, 47.1973



38.3848, 44.7923, 54.2972

Triad

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



38.0593, 44.7923, 47.1973



44.4619, 44.7923, 62.2674



45.4598, 44.7923, 38.7298

Complementary

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



38.0593, 44.7923, 47.1973



37.8395, 35.1822, 38.9809

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.



47.0569, 44.7923, 43.6334



38.0593, 44.7923, 47.1973



46.4654, 44.7923, 57.3117

Square

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



38.0593, 44.7923, 47.1973



42.0206, 44.7923, 63.4538



47.4318, 44.7923, 50.3797



43.1317, 44.7923, 36.5486

Rectangle

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



38.0593, 44.7923, 47.1973



39.2289, 44.7923, 58.6225



47.4318, 44.7923, 50.3797



46.1035, 44.7923, 40.0904

Sweetspot

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



38.0606, 44.7942, 47.1983



79.1169, 86.2549, 93.1224



38.0635, 45.0443, 35.9671



17.2987, 18.9326, 20.4187



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.



38.0606, 44.7942, 47.1983



65.7605, 79.5809, 82.9401



37.8642, 42.6008, 52.6837



9.1433, 10.1613, 10.9118



14.4488, 24.6805, 17.8171



0.5360, 0.8807, 0.7683

Inverse Universe

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



37.8395, 35.1822, 38.9809



65.2798, 58.6260, 65.0314



37.9647, 36.9299, 34.4061



9.1178, 9.0575, 9.9677



14.1755, 7.2440, 3.5453



0.5286, 0.2669, 0.2769

Previews

White Background



This preview shows how the XYZ color 38.0593, 44.7923, 47.1973 looks on a white background.

Color Contrast Check

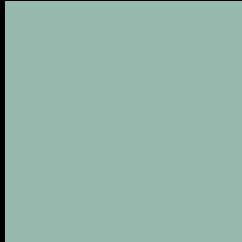
Large Text (above 18pt) WCAG AA × Fail

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 38.0593, 44.7923, 47.1973 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

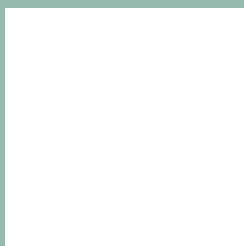
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0593, 44.7923, 47.1973

Background



This preview shows how black text looks on a background with the XYZ color 38.0593, 44.7923, 47.1973.



This preview shows how white text looks on a background with the XYZ color 38.0593, 44.7923,

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

38.0593, 44.7923, 47.1973

Protanopia

42.5063, 44.4138, 44.3626

Deuteranopia

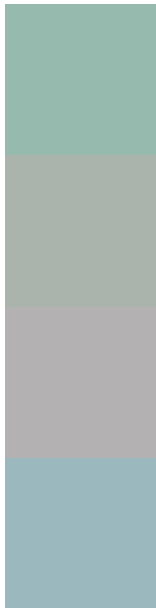
45.2941, 44.3215, 48.2871



Tritanopia

40.5291, 44.8668, 59.3474

Trichromacy



Original Color

38.0593, 44.7923, 47.1973

Protanomaly

40.5622, 44.2790, 45.4386

Deuteranomaly

42.2484, 44.2023, 47.9001

Tritanomaly

39.6522, 44.8251, 54.7063

Monochromacy



Original Color

38.0593, 44.7923, 47.1973

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.2863, 43.0038, 46.2743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0593, 44.7923, 47.1973 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(151, 186, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 186, 175) }
```

Border

The CSS property to change the border of an element to XYZ 38.0593, 44.7923, 47.1973 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, 175) }
```


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

```
.border{ border-color:rgb(151, 186, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 186, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 186, 175);  
box-shadow:4px 4px 4px 4px rgb(151, 186,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0593, 44.7923, 47.1973 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, 175) }
```

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

```
.background{ background-color: rgb(151,  
186, 175) }
```

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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