

Converting Colors

XYZ(40.2278, 50.1207, 48.5156)

Have a look what the booklet for
XYZ(40.2278, 50.1207, 48.5156)
contains.

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Color

**XYZ(40.2925, 50.1845,
48.6372)**

Conversions

Conversions Part 1

Format	Color
Hex	93C7B0
RGB	147, 199, 176
RGB Percent	58%, 78%, 69%
CMY	0.4235, 0.2196, 0.3098
CMYK	0.26, 0.00, 0.12, 0.22
HSL	153°, 32%, 68%
HSV	153°, 26%, 78%
XYZ	40.2925, 50.1845, 48.6372
YIQ	180.8300, -23.6090, -18.1770

Conversions

Conversions Part 2

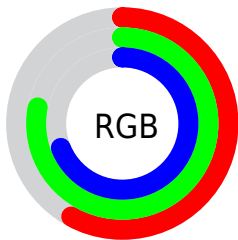
Format	Color
RYB	147, 180, 199
Decimal	9684912
CIELab	76.18, -21.73, 6.05
CIELCh	76, 22.559, 164.444
Yxy	50.1845, 0.2896, 0.3607
Android (android.graphics.Color)	4287874992 (0xFF93C7B0)
YUV	180.8300, -2.3812, -29.6689
Hunter-Lab	70.8410, -22.4457, 8.8821

Details

The XYZ color **40.2925, 50.1845, 48.6372** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.2443, 35.9130, 42.7904**, and the grayscale version is **43.8518, 46.1356, 50.2416**.

A 20% lighter version of the original color is **74.6826, 89.9028, 89.7607**, and **18.4828, 24.1389, 22.7539** is the 20% darker color. If you saturate the color by 10%, you get **36.1853, 48.1659, 44.0454**, and if you desaturate by 10%, it is **45.0763, 52.5481, 53.5576**.

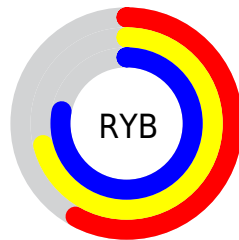
Distribution



Red (58%)

Green (78%)

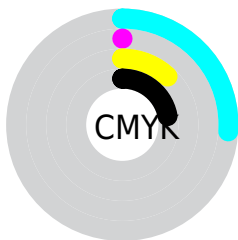
Blue (69%)



Red (58%)

Yellow (71%)

Blue (78%)

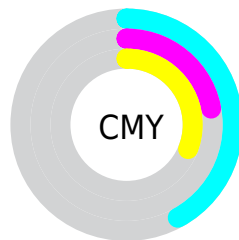


Cyan (26%)

Magenta (0%)

Yellow (12%)

Black (22%)



Cyan (42%)

Magenta (22%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2925, 50.1845, 48.6372 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 40.2925, 50.1845, 48.6372 by changing the saturation by 10% instead.

■ 40.2925, 50.1845,
48.6372

■ 40.2925, 50.1845,
48.6372

338.4682,
387.3870, 397.8936

■ 27.9519, 35.5600,
33.9682

■ 74.8902, 90.4482,
89.5278

■ 18.4297, 24.0946,
22.5920

■ 97.8781, 116.8562,
116.5864

■ 11.3605, 15.4038,
14.0901

125.1457,
147.9608, 148.6121

■ 6.3789, 9.1033,
8.0439

157.0585,
184.1464, 186.0232

■ 3.1197, 4.8086,
4.0349

193.9818,
225.7975, 229.2384

■ 1.2174, 2.1354,
1.6445

236.2809,

■ 0.1200, 0.6844,

273.2983, 278.6762

0.3223

284.3213,
327.0334, 334.7551

■ 0.0000, 0.0000,
0.0000

■ 40.2925, 50.1845,
48.6372

■ 40.2925, 50.1845,
48.6372

■ 36.1853, 48.1659,
44.0454

■ 45.0763, 52.5481,
53.5576

■ 32.7177, 46.4693,
39.7719

■ 50.5631, 55.2660,
58.8102

■ 29.8553, 45.0784,
35.8103

■ 56.7828, 58.3551,
64.4026

■ 27.5588, 43.9731,
32.1529

■ 63.7624, 61.8290,
70.3411

■ 25.7839, 43.1306,
28.7916

■ 71.5276, 65.7009,
76.6321

■ 24.4791, 42.5247,
25.7177

■ 75.7818, 67.7557,
83.0793

■ 23.5798, 42.1221,
22.9216

■ 77.0412, 68.2595,
89.7116

■ 23.2924, 41.9959,
21.9108

■ 78.3639, 68.7886,
96.6768

■ 79.7144, 69.3287,
103.7881

Harmonies

Analogous

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



42.2333, 50.1845, 39.6576



40.2925, 50.1845, 48.6372



40.2561, 50.1845, 60.6540

Triad

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



40.2925, 50.1845, 48.6372



49.7542, 50.1845, 80.4130



53.7373, 50.1845, 39.9159

Complementary

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



40.2925, 50.1845, 48.6372



41.2443, 35.9130, 42.7904

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.



56.0068, 50.1845, 49.0417



40.2925, 50.1845, 48.6372



53.6167, 50.1845, 72.9937

Square

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



40.2925, 50.1845, 48.6372



45.5531, 50.1845, 80.2619



55.9614, 50.1845, 61.1226



49.9109, 50.1845, 35.1527

Rectangle

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



40.2925, 50.1845, 48.6372



41.3078, 50.1845, 68.8872



55.9614, 50.1845, 61.1226



54.7173, 50.1845, 42.5106

Sweetspot

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



40.2939, 50.1866, 48.6383



86.5199, 95.7665, 101.0944



42.3557, 51.5464, 35.3215



18.1957, 20.3378, 21.3335



0.0000, 0.0000, 0.0000



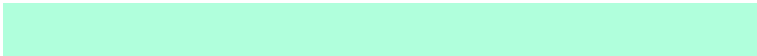
20.3446, 21.4041, 23.3091

Same Dimension

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



40.2939, 50.1866, 48.6383



66.5759, 85.9133, 80.8073



42.1734, 49.9893, 61.4615



10.7409, 11.9853, 12.5859



15.0215, 27.0210, 14.3238



0.7473, 1.2939, 0.8679

Inverse Universe

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



41.2443, 35.9130, 42.7904



68.5030, 56.9900, 68.9630



39.6638, 35.9351, 32.4501



10.8255, 10.7136, 12.0645



16.3211, 8.2780, 6.9009



0.8091, 0.4065, 0.5179

Previews

White Background



This preview shows how the XYZ color 40.2925, 50.1845, 48.6372 looks on a white background.

Color Contrast Check

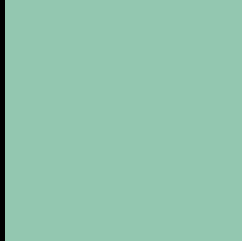
Large Text (above 18pt) WCAG AA × Fail

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 40.2925, 50.1845, 48.6372 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

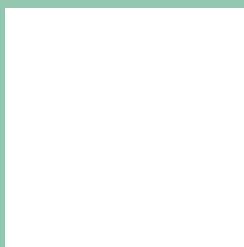
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.2925, 50.1845, 48.6372

Background



This preview shows how black text looks on a background with the XYZ color 40.2925, 50.1845, 48.6372.



This preview shows how white text looks on a background with the XYZ color 40.2925, 50.1845,

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

40.2925, 50.1845, 48.6372

Protanopia

47.4374, 50.0073, 44.6883

Deuteranopia

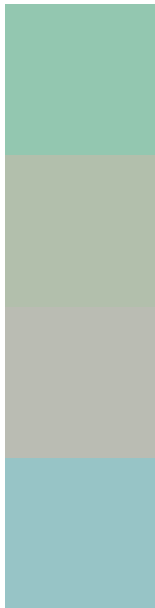
50.7745, 49.7529, 50.1072



Tritanopia

44.2511, 50.1067, 68.3121

Trichromacy



Original Color

40.2925, 50.1845, 48.6372

Protanomaly

44.4373, 49.7051, 46.2817

Deuteranomaly

46.3696, 49.6602, 49.7893

Tritanomaly

42.6955, 50.1364, 60.8531

Monochromacy



Original Color

40.2925, 50.1845, 48.6372

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.4821, 47.6561, 49.6073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2925, 50.1845, 48.6372 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(147, 199, 176)` looks like.

```
.text, #text, p{  
    color:rgb(147, 199, 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(147, 199, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 199, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.2925, 50.1845, 48.6372 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(147, 199, 176) }
```


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

```
.border{ border-color:rgb(147, 199, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 199, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 199, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 199, 176);  
box-shadow:4px 4px 4px 4px rgb(147, 199,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2925, 50.1845, 48.6372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 199, 176) }
```

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

```
.background{ background-color: rgb(147,  
199, 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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