

Converting Colors

XYZ(41.1099, 50.0612, 60.4384)

Have a look what the booklet for
XYZ(41.1099, 50.0612, 60.4384)
contains.

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Color

**XYZ(41.0873, 49.9948,
60.3078)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC6C5
RGB	140, 198, 197
RGB Percent	55%, 78%, 77%
CMY	0.4510, 0.2235, 0.2274
CMYK	0.29, 0.00, 0.01, 0.22
HSL	179°, 34%, 66%
HSV	179°, 29%, 78%
XYZ	41.0873, 49.9948, 60.3078
YIQ	180.5440, -34.2470, -12.6070

Conversions

Conversions Part 2

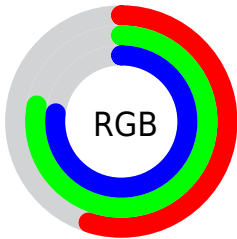
Format	Color
RYB	140, 169, 198
Decimal	9225925
CIELab	76.07, -18.78, -5.51
CIELCh	76, 19.570, 196.364
Yxy	49.9948, 0.2714, 0.3302
Android (android.graphics.Color)	4287416005 (0xFF8CC6C5)
YUV	180.5440, 8.1128, -35.5571
Hunter-Lab	70.7070, -20.0123, -1.0750

Details

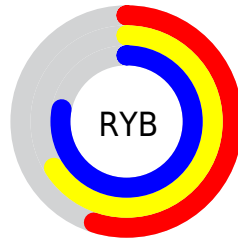
The XYZ color **41.0873, 49.9948, 60.3078** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4762, 32.6864, 29.5350**, and the grayscale version is **43.6469, 45.9200, 50.0068**.

A 20% lighter version of the original color is **76.1551, 90.2779, 107.1775**, and **18.8617, 23.9559, 29.6164** is the 20% darker color. If you saturate the color by 10%, you get **38.0077, 48.4130, 59.9603**, and if you desaturate by 10%, it is **44.7702, 51.8901, 60.6861**.

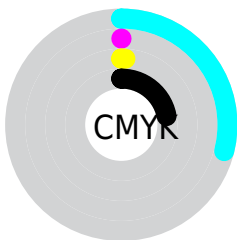
Distribution



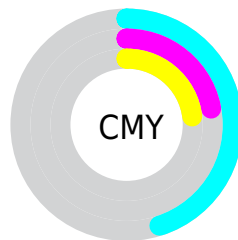
- Red (55%)
- Green (78%)
- Blue (77%)



- Red (55%)
- Yellow (66%)
- Blue (78%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (45%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0873, 49.9948, 60.3078 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 41.0873, 49.9948, 60.3078 by changing the saturation by 10% instead.

■ 41.0873, 49.9948,
60.3078

■ 41.0873, 49.9948,
60.3078

341.7417,
386.6456, 443.5675

■ 28.5753, 35.4093,
43.2399

■ 76.0903, 90.1672,
106.8238

■ 18.9024, 23.9783,
29.7406

■ 99.3119, 116.5228,
137.1089

■ 11.7034, 15.3175,
19.3914

■ 126.8342,
147.5706, 172.6368

■ 6.6128, 9.0425,
11.7737

159.0224,
183.6949, 213.8261

■ 3.2653, 4.7689,
6.4691

196.2419,
225.2802, 261.0953

■ 1.2956, 2.1123,
3.0590

238.8580,

■ 0.1799, 0.6716,

272.7108, 314.8629

1.1249

287.2362,
326.3711, 375.5474

■ 0.0000, 0.0000,
0.0000

■ 41.0873, 49.9948,
60.3078

■ 41.0873, 49.9948,
60.3078

■ 38.0077, 48.4130,
59.9603

■ 44.7702, 51.8901,
60.6861

■ 35.4950, 47.1221,
59.6387

■ 49.0819, 54.1083,
61.0933

■ 33.5152, 46.1060,
59.3426

■ 54.0516, 56.6658,
61.5317

■ 32.0292, 45.3445,
59.0700

■ 59.7055, 59.5759,
62.0026

■ 30.9926, 44.8146,
58.8189

■ 66.0684, 62.8515,
62.5072

■ 30.3530, 44.4893,
58.5868

■ 71.7501, 65.7759,
62.9803

■ 30.0183, 44.3213,
58.3695

■ 71.7899, 65.7918,
63.1899

■ 29.9981, 44.3111,
58.3543

■ 71.8297, 65.8078,
63.3999

■ 71.8697, 65.8238,
63.6104

Harmonies

Analogous

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



41.0087, 49.9948, 49.8259



41.0873, 49.9948, 60.3078



42.8305, 49.9948, 70.3465

Triad

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



41.0873, 49.9948, 60.3078



52.7904, 49.9948, 69.5453



49.1952, 49.9948, 37.1201

Complementary

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



41.0873, 49.9948, 60.3078



37.4762, 32.6864, 29.5350

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.



52.5369, 49.9948, 41.1256



41.0873, 49.9948, 60.3078



54.6833, 49.9948, 59.3216

Square

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



41.0873, 49.9948, 60.3078



49.5269, 49.9948, 76.1295



54.5882, 49.9948, 48.9580



45.5652, 49.9948, 37.3127

Rectangle

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



41.0873, 49.9948, 60.3078



44.7554, 49.9948, 75.0426



54.5882, 49.9948, 48.9580



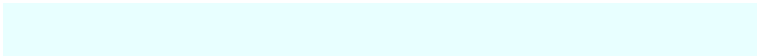
50.3932, 49.9948, 37.9957

Sweetspot

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



41.0888, 49.9968, 60.3089



87.0412, 95.8787, 108.1922



36.0730, 48.0285, 32.1810



18.3730, 20.3896, 23.1340



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.



41.0888, 49.9968, 60.3089



69.2362, 86.7211, 106.4010



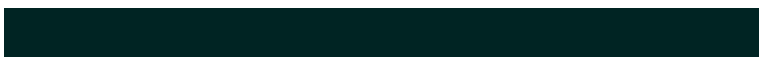
35.5600, 38.7548, 59.0346



10.9385, 12.0643, 13.6263



19.5112, 28.8169, 37.9661



0.9264, 1.3655, 1.8113

Inverse Universe

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



37.4762, 32.6864, 29.5350



61.8329, 51.2425, 43.3329



41.8550, 41.5628, 30.6283



10.6412, 10.6399, 11.0937



15.1607, 7.8138, 0.7901



0.7205, 0.3710, 0.0514

Previews

White Background



This preview shows how the XYZ color 41.0873, 49.9948, 60.3078 looks on a white background.

Color Contrast Check

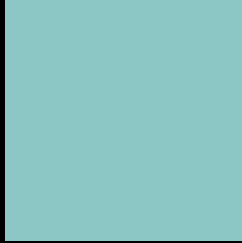
Large Text (above 18pt) WCAG AA × Fail

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 41.0873, 49.9948, 60.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

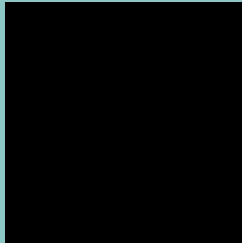
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0873, 49.9948, 60.3078

Background



This preview shows how black text looks on a background with the XYZ color 41.0873, 49.9948, 60.3078.



This preview shows how white text looks on a background with the XYZ color 41.0873, 49.9948,

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

41.0873, 49.9948, 60.3078

Protanopia

47.8394, 49.6543, 55.7780

Deuteranopia

50.5024, 49.3600, 61.5092



Tritanopia

42.8255, 50.0226, 69.0262

Trichromacy



Original Color

41.0873, 49.9948, 60.3078

Protanomaly

44.8337, 49.3351, 57.6117

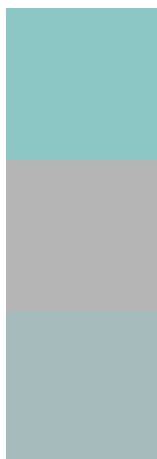
Deuteranomaly

46.4392, 49.1291, 61.0681

Tritanomaly

42.2622, 50.1395, 65.8430

Monochromacy



Original Color

41.0873, 49.9948, 60.3078

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.4658, 47.2355, 53.8929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0873, 49.9948, 60.3078 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(140, 198, 197)` looks like.

```
.text, #text, p{  
    color:rgb(140, 198, 197)  
}
```

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(140, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 198, 197) }
```

Border

The CSS property to change the border of an element to XYZ 41.0873, 49.9948, 60.3078 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(140, 198, 197) }
```


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

```
.border{ border-color:rgb(140, 198, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(140, 198,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0873, 49.9948, 60.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 198, 197) }
```

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

```
.background{ background-color: rgb(140,  
198, 197) }
```

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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