

Converting Colors

XYZ(41.4877, 50.8120, 48.1785)

Have a look what the booklet for
XYZ(41.4877, 50.8120, 48.1785)
contains.

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Color

**XYZ(41.4877, 50.8120,
48.1785)**

Conversions

Conversions Part 1

Format	Color
Hex	9AC7AF
RGB	154, 199, 175
RGB Percent	60%, 78%, 69%
CMY	0.3961, 0.2196, 0.3137
CMYK	0.23, 0.00, 0.12, 0.22
HSL	148°, 29%, 69%
HSV	148°, 23%, 78%
XYZ	41.4877, 50.8120, 48.1785
YIQ	182.8090, -19.1160, -17.0040

Conversions

Conversions Part 2

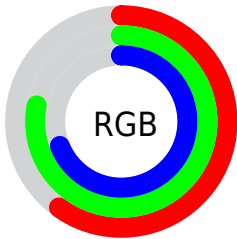
Format	Color
RYB	154, 185, 199
Decimal	10143663
CIELab	76.56, -19.70, 7.19
CIELCh	77, 20.975, 159.949
Yxy	50.8120, 0.2953, 0.3617
Android (android.graphics.Color)	4288333743 (0xFF9AC7AF)
YUV	182.8090, -3.8498, -25.2655
Hunter-Lab	71.2825, -20.8543, 9.8248

Details

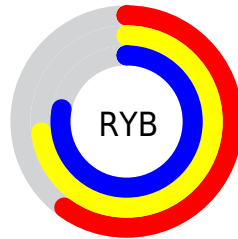
The XYZ color **41.4877, 50.8120, 48.1785** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.1464, 38.4689, 47.2728**, and the grayscale version is **44.9341, 47.2742, 51.4816**.

A 20% lighter version of the original color is **76.4783, 90.8448, 89.1053**, and **19.1800, 24.5056, 22.4581** is the 20% darker color. If you saturate the color by 10%, you get **37.0079, 48.6197, 42.7397**, and if you desaturate by 10%, it is **46.6802, 53.3650, 54.0806**.

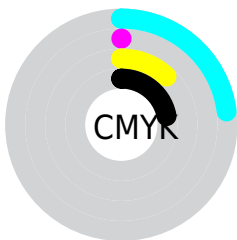
Distribution



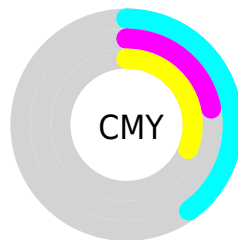
- Red (60%)
- Green (78%)
- Blue (69%)



- Red (60%)
- Yellow (73%)
- Blue (78%)



- Cyan (23%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)





- Cyan (40%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4877, 50.8120, 48.1785 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 41.4877, 50.8120, 48.1785 by changing the saturation by 10% instead.


 41.4877, 50.8120,
48.1785


 41.4877, 50.8120,
48.1785

343.3827,
389.8329, 396.0283

 28.8897, 36.0590,
33.6073


 76.6937, 91.3768,
88.8384

 19.1413, 24.4798,
22.3171


 100.0325,
117.9574, 115.7642

 11.8770, 15.6899,
13.8896

127.6822,
149.2494, 147.6452

 6.7316, 9.3050,
7.9060

160.0082,
185.6371, 184.9001

 3.3396, 4.9406,
3.9480

197.3760,
227.5049, 227.9473

 1.3358, 2.2125,
1.5968

240.1507,

 0.2098, 0.7268,

275.2372, 277.2054

0.2886

288.6978,
329.2184, 333.0929

■ 0.0000, 0.0000,
0.0000

■ 41.4877, 50.8120,
48.1785

■ 41.4877, 50.8120,
48.1785

■ 37.0079, 48.6197,
42.7397

■ 46.6802, 53.3650,
54.0806

■ 33.2038, 46.7652,
37.7495

■ 52.6118, 56.2879,
60.4535

■ 30.0413, 45.2323,
33.1973

■ 59.3126, 59.5976,
67.3088

■ 27.4816, 44.0014,
29.0706

■ 66.8100, 63.3077,
74.6567

■ 25.4812, 43.0503,
25.3565

■ 75.1296, 67.4315,
82.5070

■ 23.9907, 42.3538,
22.0413

■ 77.1980, 68.3222,
90.5371

■ 22.9509, 41.8816,
19.1101

■ 78.8101, 68.9670,
99.0264

■ 22.3941, 41.6366,
17.1806

■ 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.



43.5677, 50.8120, 40.2310



41.4877, 50.8120, 48.1785



41.1748, 50.8120, 59.1806

Triad

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



41.4877, 50.8120, 48.1785



49.6232, 50.8120, 79.7129



54.3729, 50.8120, 42.4676

Complementary

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



41.4877, 50.8120, 48.1785



43.1464, 38.4689, 47.2728

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.



56.1927, 50.8120, 51.6418



41.4877, 50.8120, 48.1785



53.3530, 50.8120, 73.7901

Square

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



41.4877, 50.8120, 48.1785



45.7306, 50.8120, 78.4514



55.8096, 50.8120, 63.1468



50.9541, 50.8120, 37.2597

Rectangle

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



41.4877, 50.8120, 48.1785



41.9916, 50.8120, 66.9459



55.8096, 50.8120, 63.1468



55.2002, 50.8120, 45.1344

Sweetspot

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



41.4891, 50.8141, 48.1796



87.2899, 96.1723, 100.7330



44.7906, 52.7362, 38.3909



18.5472, 20.5176, 21.4145



0.0000, 0.0000, 0.0000



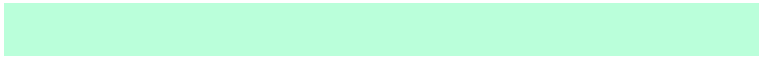
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4891, 50.8141, 48.1796



68.7375, 87.0544, 79.7010



43.8010, 51.7389, 60.3537



10.7000, 11.9689, 12.3703



14.4427, 26.7894, 11.2756



0.7204, 1.2831, 0.7261

Inverse Universe

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



43.1464, 38.4689, 47.2728



72.1325, 61.7618, 77.8409



41.1322, 37.6632, 36.6662



10.8663, 10.7299, 12.2794



16.8674, 8.4965, 9.7773



0.8350, 0.4168, 0.6544

Previews

White Background



This preview shows how the XYZ color 41.4877, 50.8120, 48.1785 looks on a white background.

Color Contrast Check

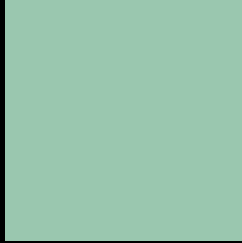
Large Text (above 18pt) WCAG AA × Fail

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 41.4877, 50.8120, 48.1785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

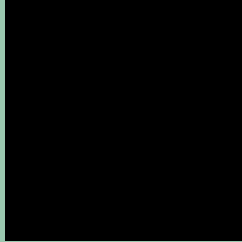
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4877, 50.8120, 48.1785

Background



This preview shows how black text looks on a background with the XYZ color 41.4877, 50.8120, 48.1785.



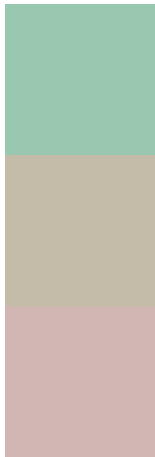
This preview shows how white text looks on a background with the XYZ color 41.4877, 50.8120,

48.1785.

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

41.4877, 50.8120, 48.1785

Protanopia

47.9096, 50.5668, 44.7714

Deuteranopia

51.4430, 50.4122, 49.6670



Tritanopia

45.6226, 50.8138, 68.3762

Trichromacy



Original Color

41.4877, 50.8120, 48.1785

Protanomaly

45.2564, 50.4633, 45.8832

Deuteranomaly

47.2543, 50.1279, 49.3046

Tritanomaly

43.9185, 50.7802, 60.3101

Monochromacy



Original Color

41.4877, 50.8120, 48.1785

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.4491, 48.4611, 50.2439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4877, 50.8120, 48.1785 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(154, 199, 175)` looks like.

```
.text, #text, p{  
    color:rgb(154, 199, 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(154, 199, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 199, 175) }
```

Border

The CSS property to change the border of an element to XYZ 41.4877, 50.8120, 48.1785 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(154, 199, 175) }
```


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

```
.border{ border-color:rgb(154, 199, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 199, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 199, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 199, 175);  
box-shadow:4px 4px 4px 4px rgb(154, 199,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4877, 50.8120, 48.1785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 199, 175) }
```

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

```
.background{ background-color: rgb(154,  
199, 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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