

Converting Colors

XYZ(42.3984, 48.2863, 48.1599)

Have a look what the booklet for
XYZ(42.3984, 48.2863, 48.1599)
contains.

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Color

**XYZ(42.3984, 48.2863,
48.1599)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BEB0
RGB	168, 190, 176
RGB Percent	66%, 75%, 69%
CMY	0.3412, 0.2549, 0.3098
CMYK	0.12, 0.00, 0.07, 0.25
HSL	142°, 14%, 70%
HSV	142°, 12%, 75%
XYZ	42.3984, 48.2863, 48.1599
YIQ	181.8260, -8.6180, -9.0180

Conversions

Conversions Part 2

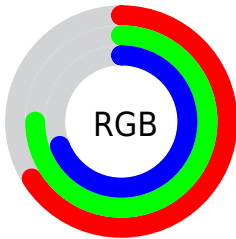
Format	Color
RYB	168, 184, 190
Decimal	11058864
CIELab	75.01, -10.23, 4.52
CIELCh	75, 11.180, 156.144
Yxy	48.2863, 0.3054, 0.3478
Android (android.graphics.Color)	4289248944 (0xFFA8BEB0)
YUV	181.8260, -2.8722, -12.1254
Hunter-Lab	69.4883, -12.6926, 7.5501

Details

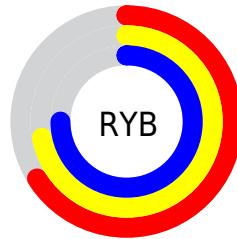
The XYZ color **42.3984, 48.2863, 48.1599** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6831, 42.3311, 50.1266**, and the grayscale version is **44.3883, 46.7000, 50.8563**.

A 20% lighter version of the original color is **77.9527, 87.4257, 89.1102**, and **19.7862, 23.0596, 22.4769** is the 20% darker color. If you saturate the color by 10%, you get **37.5016, 45.8954, 41.9613**, and if you desaturate by 10%, it is **47.9955, 51.0286, 54.9497**.

Distribution



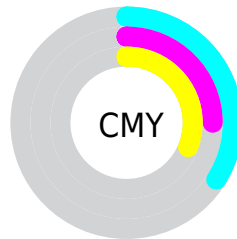
- Red (66%)
- Green (75%)
- Blue (69%)



- Red (66%)
- Yellow (72%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (34%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3984, 48.2863, 48.1599 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 42.3984, 48.2863, 48.1599 by changing the saturation by 10% instead.

■ 42.3984, 48.2863,
48.1599

■ 42.3984, 48.2863,
48.1599

347.0954,
379.9258, 395.9526

■ 29.6058, 34.0537,
33.5926

■ 78.0636, 87.6305,
88.8105

■ 19.6862, 22.9348,
22.3060

■ 101.6670,
113.5109, 115.7308

■ 12.2741, 14.5454,
13.8815

129.6047,
144.0427, 147.6060

■ 7.0041, 8.5010,
7.9005

162.2421,
179.6102, 184.8545

■ 3.5110, 4.4171,
3.9445

199.9445,
220.5979, 227.8949

■ 1.4294, 1.9095,
1.5949

243.0773,

■ 0.2770, 0.5541,

267.3901, 277.1456

0.2872

292.0058,
320.3713, 333.0254

■ 0.0000, 0.0000,
0.0000

■ 42.3984, 48.2863,
48.1599

■ 42.3984, 48.2863,
48.1599

■ 37.5016, 45.8954,
41.9613

■ 47.9955, 51.0286,
54.9497

■ 33.2729, 43.8356,
36.3349

■ 54.3156, 54.1297,
62.3426

■ 29.6833, 42.0936,
31.2654

■ 61.3853, 57.6042,
70.3544

■ 26.7002, 40.6529,
26.7354

■ 69.2284, 61.4643,
78.9991

■ 24.2877, 39.4955,
22.7268

■ 74.8618, 64.1717,
88.1496

■ 22.4064, 38.6013,
19.2205

■ 76.6836, 64.9004,
97.7431

■ 21.0112, 37.9475,
16.1958

■ 77.7044, 65.3087,
103.1181

■ 20.0490, 37.5072,
13.6309

■ 19.4911, 37.2594,
11.8085

Harmonies

Analogous

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



43.6188, 48.2863, 44.0120



42.3984, 48.2863, 48.1599



42.1025, 48.2863, 53.7877

Triad

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



42.3984, 48.2863, 48.1599



46.3160, 48.2863, 64.5602



49.1372, 48.2863, 46.2214

Complementary

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



42.3984, 48.2863, 48.1599



43.6831, 42.3311, 50.1266

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.



49.9080, 48.2863, 51.3818



42.3984, 48.2863, 48.1599



48.2484, 48.2863, 62.1836

Square

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



42.3984, 48.2863, 48.1599



44.3258, 48.2863, 63.5387



49.5781, 48.2863, 57.2532



47.5002, 48.2863, 42.9522

Rectangle

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



42.3984, 48.2863, 48.1599



42.4613, 48.2863, 57.6849



49.5781, 48.2863, 57.2532



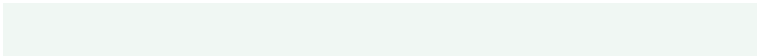
49.5084, 48.2863, 47.7772

Sweetspot

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



42.3997, 48.2883, 48.1610



85.4006, 91.6973, 97.6977



44.8455, 49.6380, 44.2640



18.5649, 20.0436, 21.2278



92.9021, 97.7402, 106.4391



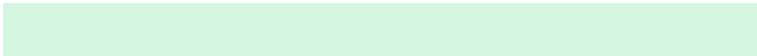
19.4759, 20.4902, 22.3138

Same Dimension

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



42.3997, 48.2883, 48.1610



74.3608, 86.2935, 84.1945



43.5011, 48.7289, 53.9605



9.5483, 10.7054, 10.8708



12.9946, 24.7881, 8.0342



0.5407, 0.9837, 0.4818

Inverse Universe

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



43.6831, 42.3311, 50.1266



77.1661, 73.2704, 88.4904



42.6187, 41.9053, 44.5214



9.7787, 9.6358, 11.2238



16.4504, 8.2113, 12.9314



0.6747, 0.3338, 0.6664

Previews

White Background



This preview shows how the XYZ color 42.3984, 48.2863, 48.1599 looks on a white background.

Color Contrast Check

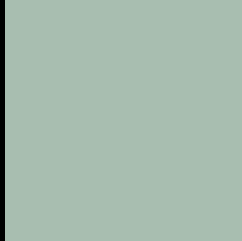
Large Text (above 18pt) WCAG AA × Fail

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 42.3984, 48.2863, 48.1599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

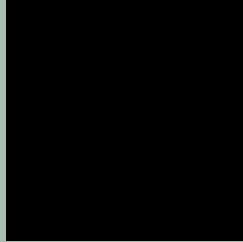
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

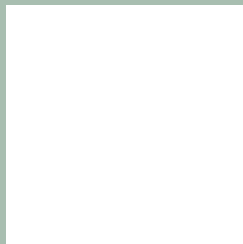
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3984, 48.2863, 48.1599

Background



This preview shows how black text looks on a background with the XYZ color 42.3984, 48.2863, 48.1599.



This preview shows how white text looks on a background with the XYZ color 42.3984, 48.2863,

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

42.3984, 48.2863, 48.1599

Protanopia

45.9185, 48.2453, 46.4273

Deuteranopia

48.8581, 47.8925, 48.7886



Tritanopia

45.1148, 48.1055, 62.1658

Trichromacy



Original Color

42.3984, 48.2863, 48.1599

Protanomaly

44.4903, 48.1189, 46.9874

Deuteranomaly

46.1496, 47.7066, 48.3709

Tritanomaly

44.0793, 48.0043, 56.8117

Monochromacy



Original Color

42.3984, 48.2863, 48.1599

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.7186, 47.3403, 50.0134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3984, 48.2863, 48.1599 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(168, 190, 176)` looks like.

```
.text, #text, p{  
    color:rgb(168, 190, 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(168, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 190, 176) }
```

Border

The CSS property to change the border of an element to XYZ 42.3984, 48.2863, 48.1599 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(168, 190, 176) }
```


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

```
.border{ border-color:rgb(168, 190, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 190, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 190, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 190, 176);  
box-shadow:4px 4px 4px 4px rgb(168, 190,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3984, 48.2863, 48.1599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 190, 176) }
```

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

```
.background{ background-color: rgb(168,  
190, 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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