

Converting Colors

XYZ(43.0141, 48.1987, 53.4621)

Have a look what the booklet for
XYZ(43.0141, 48.1987, 53.4621)
contains.

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Color

**XYZ(42.9969, 48.1559,
53.4832)**

Conversions

Conversions Part 1

Format	Color
Hex	A7BDBA
RGB	167, 189, 186
RGB Percent	65%, 74%, 73%
CMY	0.3451, 0.2588, 0.2706
CMYK	0.12, 0.00, 0.02, 0.26
HSL	172°, 14%, 70%
HSV	172°, 12%, 74%
XYZ	42.9969, 48.1559, 53.4832
YIQ	182.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

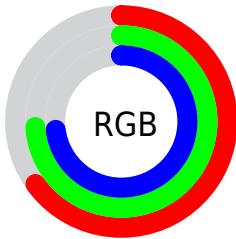
Format	Color
RYB	167, 179, 189
Decimal	10993082
CIELab	74.92, -8.08, -1.04
CIElCh	75, 8.149, 187.326
Yxy	48.1559, 0.2973, 0.3329
Android (android.graphics.Color)	4289183162 (0xFFA7BDBA)
YUV	182.0800, 1.9326, -13.2252
Hunter-Lab	69.3945, -10.8414, 2.8805

Details

The XYZ color **42.9969, 48.1559, 53.4832** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0625, 41.3598, 43.7988**, and the grayscale version is **44.5027, 46.8203, 50.9873**.

A 20% lighter version of the original color is **78.8036, 87.2452, 96.6910**, and **20.1080, 22.9466, 25.5596** is the 20% darker color. If you saturate the color by 10%, you get **39.0208, 46.1389, 51.8793**, and if you desaturate by 10%, it is **47.5643, 50.4798, 55.1426**.

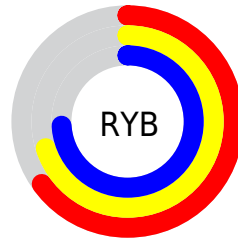
Distribution



Red (65%)

Green (74%)

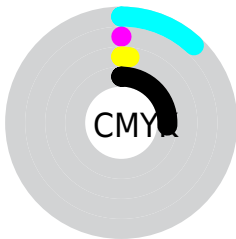
Blue (73%)



Red (65%)

Yellow (70%)

Blue (74%)

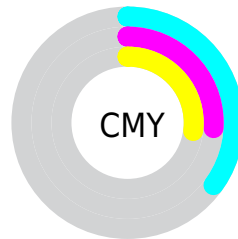


Cyan (12%)

Magenta (0%)

Yellow (2%)

Black (26%)



Cyan (35%)


Magenta (26%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9969, 48.1559, 53.4832 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 42.9969, 48.1559, 53.4832 by changing the saturation by 10% instead.


 42.9969, 48.1559,
53.4832


 42.9969, 48.1559,
53.4832


349.5207,
379.4097, 417.2550

 30.0772, 33.9504,
37.7983


 78.9619, 87.4365,
96.7638

 20.0456, 22.8555,
25.5256


 102.7380,
113.2803, 125.1965

 12.5366, 14.4868,
16.2465


130.8635,
143.7724, 158.7155

 7.1850, 8.4600,
9.5425

163.7038,
179.2970, 197.7395

 3.6254, 4.3907,
4.9951

201.6244,
220.2387, 242.6869

 1.4925, 1.8944,
2.1857

244.9905,

 0.3207, 0.5450,

266.9818, 293.9762

0.6661

294.1675,
319.9107, 352.0261

■ 0.0000, 0.0000,
0.0000

■ 42.9969, 48.1559,
53.4832

■ 42.9969, 48.1559,
53.4832

■ 39.0208, 46.1389,
51.8793

■ 47.5643, 50.4798,
55.1426

■ 35.6066, 44.4096,
50.3265

■ 52.7425, 53.1167,
56.8555

■ 32.7286, 42.9562,
48.8243

■ 58.5554, 56.0803,
58.6243

■ 30.3576, 41.7636,
47.3713

■ 65.0241, 59.3813,
60.4500

■ 28.4613, 40.8152,
45.9658

■ 69.7356, 61.7759,
62.2199

■ 27.0038, 40.0924,
44.6060

■ 70.0375, 61.8966,
63.8098

■ 25.9442, 39.5742,
43.2899

■ 70.3446, 62.0194,
65.4267

■ 25.2336, 39.2353,
42.0150

■ 70.6567, 62.1443,
67.0705

■ 24.8281, 39.0489,
40.9771

■ 70.9741, 62.2712,
68.7415

Harmonies

Analogous

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



43.1865, 48.1559, 49.3442



42.9969, 48.1559, 53.4832



43.5377, 48.1559, 57.5496

Triad

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



42.9969, 48.1559, 53.4832



47.5239, 48.1559, 59.2083



46.8802, 48.1559, 45.2447

Complementary

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



42.9969, 48.1559, 53.4832



42.0625, 41.3598, 43.7988

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.



48.0789, 48.1559, 47.6301



42.9969, 48.1559, 53.4832



48.4561, 48.1559, 55.6493

Square

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



42.9969, 48.1559, 53.4832



46.1358, 48.1559, 60.9691



48.6614, 48.1559, 51.3978



45.4076, 48.1559, 44.7344

Rectangle

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



42.9969, 48.1559, 53.4832



44.2466, 48.1559, 59.6221



48.6614, 48.1559, 51.3978



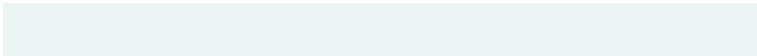
47.3295, 48.1559, 45.8474

Sweetspot

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



42.9983, 48.1579, 53.4843



83.9679, 89.7864, 98.3319



41.8167, 47.7669, 43.5760



17.9090, 19.2329, 21.0938



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.



42.9983, 48.1579, 53.4843



75.0673, 85.2617, 95.0342



41.7081, 45.0612, 54.6460



9.7510, 10.7865, 11.9385



16.7251, 26.2803, 27.6788



0.6708, 1.0357, 1.1668

Inverse Universe

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



42.0625, 41.3598, 43.7988



73.0558, 70.6477, 74.2144



43.2347, 44.1537, 42.8038



9.5818, 9.5570, 10.1867



14.2610, 7.3356, 1.4021



0.5760, 0.2943, 0.1464

Previews

White Background



This preview shows how the XYZ color 42.9969, 48.1559, 53.4832 looks on a white background.

Color Contrast Check

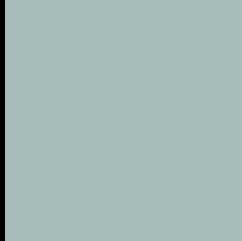
Large Text (above 18pt) WCAG AA × Fail

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 42.9969, 48.1559, 53.4832 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

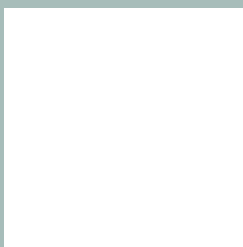
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9969, 48.1559, 53.4832

Background



This preview shows how black text looks on a background with the XYZ color 42.9969, 48.1559, 53.4832.

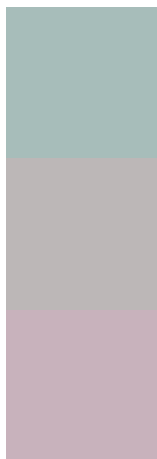


This preview shows how white text looks on a background with the XYZ color 42.9969, 48.1559,

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

42.9969, 48.1559, 53.4832

Protanopia

46.2198, 47.9772, 51.6242

Deuteranopia

48.8169, 47.7510, 54.2209



Tritanopia

44.8905, 48.3037, 62.2159

Trichromacy



Original Color

42.9969, 48.1559, 53.4832

Protanomaly

44.8231, 47.8619, 52.2232

Deuteranomaly

46.4366, 47.7351, 53.7800

Tritanomaly

44.3092, 48.3870, 59.2288

Monochromacy



Original Color

42.9969, 48.1559, 53.4832

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.0277, 47.4639, 51.6407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9969, 48.1559, 53.4832 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(167, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(167, 189, 186)  
}
```

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(167, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 189, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.9969, 48.1559, 53.4832 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(167, 189, 186) }
```


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

```
.border{ border-color:rgb(167, 189, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(167, 189,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9969, 48.1559, 53.4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 189, 186) }
```

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

```
.background{ background-color: rgb(167,  
189, 186) }
```

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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