

Converting Colors

XYZ(42.8182, 48.6655, 53.7100)

Have a look what the booklet for
XYZ(42.8182, 48.6655, 53.7100)
contains.

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Color

**XYZ(42.8036, 48.6993,
53.5983)**

Conversions

Conversions Part 1

Format	Color
Hex	A4BFBA
RGB	164, 191, 186
RGB Percent	64%, 75%, 73%
CMY	0.3569, 0.2510, 0.2706
CMYK	0.14, 0.00, 0.03, 0.25
HSL	169°, 17%, 70%
HSV	169°, 14%, 75%
XYZ	42.8036, 48.6993, 53.5983
YIQ	182.3570, -14.4870, -7.2790

Conversions

Conversions Part 2

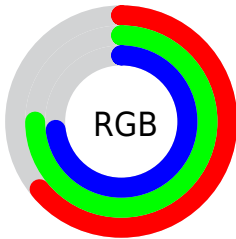
Format	Color
RYB	164, 179, 191
Decimal	10796986
CIELab	75.26, -10.13, -0.56
CIELCh	75, 10.143, 183.192
Yxy	48.6993, 0.2950, 0.3356
Android (android.graphics.Color)	4288987066 (0xFFA4BFBA)
YUV	182.3570, 1.7960, -16.0991
Hunter-Lab	69.7849, -12.6379, 3.3117

Details

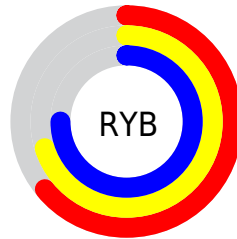
The XYZ color **42.8036, 48.6993, 53.5983** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9245, 40.4932, 43.1447**, and the grayscale version is **44.6553, 46.9809, 51.1622**.

A 20% lighter version of the original color is **78.5012, 87.9924, 96.8512**, and **20.0042, 23.3152, 25.6362** is the 20% darker color. If you saturate the color by 10%, you get **38.7828, 46.6707, 51.4714**, and if you desaturate by 10%, it is **47.4285, 51.0408, 55.8042**.

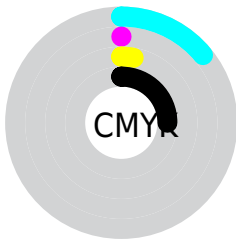
Distribution



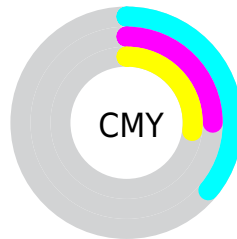
- Red (64%)
- Green (75%)
- Blue (73%)



- Red (64%)
- Yellow (70%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (25%)





- Cyan (36%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8036, 48.6993, 53.5983 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 42.8036, 48.6993, 53.5983 by changing the saturation by 10% instead.


 42.8036, 48.6993,
53.5983


 42.8036, 48.6993,
53.5983

348.7387,
381.5573, 417.7076

 29.9249, 34.3810,
37.8896


 78.6720, 88.2447,
96.9346

 19.9294, 23.1865,
25.5959

 102.3923,
114.2406, 125.3994

 12.4517, 14.7312,
16.2985


130.4573,
144.8978, 158.9532

 7.1265, 8.6310,
9.5790

163.2322,
180.6007, 198.0146

 3.5883, 4.5013,
5.0188

201.0825,
221.7337, 243.0022

 1.4720, 1.9577,
2.1994

244.3734,

 0.3067, 0.5827,

268.6812, 294.3346

0.6740

293.4704,
321.8276, 352.4302

■ 0.0000, 0.0000,
0.0000

■ 42.8036, 48.6993,
53.5983

■ 42.8036, 48.6993,
53.5983

■ 38.7828, 46.6707,
51.4714

■ 47.4285, 51.0408,
55.8042

■ 35.3356, 44.9355,
49.4185

■ 52.6781, 53.7020,
58.0873

■ 32.4349, 43.4810,
47.4392

■ 58.5771, 56.6969,
60.4501

■ 30.0501, 42.2913,
45.5317

■ 65.1476, 60.0368,
62.8940

■ 28.1472, 41.3490,
43.6939

■ 70.7342, 62.8684,
65.3419

■ 26.6882, 40.6345,
41.9238

■ 71.1628, 63.0398,
67.5987

■ 25.6292, 40.1253,
40.2189

■ 71.6011, 63.2151,
69.9066

■ 24.9174, 39.7939,
38.5764

■ 72.0491, 63.3944,
72.2659

■ 24.6000, 39.6507,
37.6394

■ 72.5070, 63.5775,
74.6770

Harmonies

Analogous

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



43.1646, 48.6993, 48.5338



42.8036, 48.6993, 53.5983



43.3552, 48.6993, 58.8392

Triad

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



42.8036, 48.6993, 53.5983



48.2751, 48.6993, 62.0775



47.9208, 48.6993, 44.3897

Complementary

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



42.8036, 48.6993, 53.5983



41.9245, 40.4932, 43.1447

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.



49.3486, 48.6993, 47.6075



42.8036, 48.6993, 53.5983



49.5569, 48.6993, 57.7856

Square

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



42.8036, 48.6993, 53.5983



46.4869, 48.6993, 63.9365



49.9549, 48.6993, 52.4563



46.0881, 48.6993, 43.4319

Rectangle

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



42.8036, 48.6993, 53.5983



44.1750, 48.6993, 61.6662



49.9549, 48.6993, 52.4563



48.4657, 48.6993, 45.2318

Sweetspot

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



42.8050, 48.7013, 53.5994



85.0059, 91.4431, 99.9705



41.7813, 48.4234, 42.2673



18.5192, 20.0055, 21.8854



92.9021, 97.7402, 106.4391



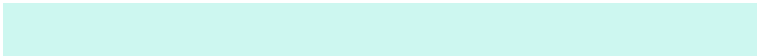
19.4759, 20.4902, 22.3138

Same Dimension

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



42.8050, 48.7013, 53.5994



74.2905, 86.0228, 94.7839



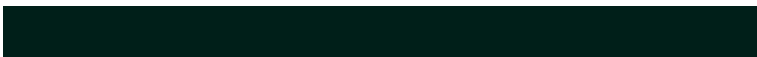
41.6282, 45.4816, 55.8774



9.7307, 10.7784, 11.8313



16.1937, 26.0677, 24.8804



0.6543, 1.0291, 1.0799

Inverse Universe

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



41.9245, 40.4932, 43.1447



72.4064, 68.4531, 72.4079



42.9599, 43.3014, 41.2166



9.6004, 9.5645, 10.2849



14.3456, 7.3694, 1.8477



0.5842, 0.2976, 0.1894

Previews

White Background



This preview shows how the XYZ color 42.8036, 48.6993, 53.5983 looks on a white background.

Color Contrast Check

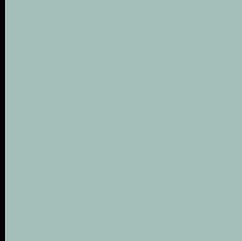
Large Text (above 18pt) WCAG AA × Fail

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 42.8036, 48.6993, 53.5983 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

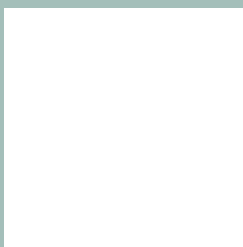
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8036, 48.6993, 53.5983

Background



This preview shows how black text looks on a background with the XYZ color 42.8036, 48.6993, 53.5983.



This preview shows how white text looks on a background with the XYZ color 42.8036, 48.6993,

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

42.8036, 48.6993, 53.5983

Protanopia

46.5703, 48.4772, 51.1585

Deuteranopia

49.2846, 48.2885, 54.3000



Tritanopia

44.6991, 48.4937, 63.5042

Trichromacy



Original Color

42.8036, 48.6993, 53.5983

Protanomaly

45.1400, 48.6628, 51.8135

Deuteranomaly

46.6422, 48.1462, 53.8485

Tritanomaly

44.0015, 48.5334, 59.8721

Monochromacy



Original Color

42.8036, 48.6993, 53.5983

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.5754, 47.2308, 51.6195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8036, 48.6993, 53.5983 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(164, 191, 186)` looks like.

```
.text, #text, p{  
    color:rgb(164, 191, 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(164, 191, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 191, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.8036, 48.6993, 53.5983 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(164, 191, 186) }
```


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

```
.border{ border-color:rgb(164, 191, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 191, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 191, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 191, 186);  
box-shadow:4px 4px 4px 4px rgb(164, 191,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8036, 48.6993, 53.5983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 191, 186) }
```

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

```
.background{ background-color: rgb(164,  
191, 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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