

Converting Colors

XYZ(42.7220, 49.3698, 50.9962)

Have a look what the booklet for
XYZ(42.7220, 49.3698, 50.9962)
contains.

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Color

**XYZ(42.7203, 49.3686,
50.9936)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C1B5
RGB	164, 193, 181
RGB Percent	64%, 76%, 71%
CMY	0.3569, 0.2431, 0.2902
CMYK	0.15, 0.00, 0.06, 0.24
HSL	155°, 19%, 70%
HSV	155°, 15%, 76%
XYZ	42.7203, 49.3686, 50.9936
YIQ	182.9610, -13.4320, -9.8800

Conversions

Conversions Part 2

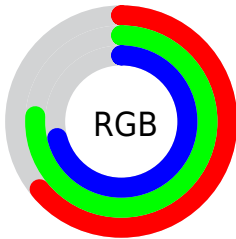
Format	Color
RYB	164, 182, 193
Decimal	10797493
CIELab	75.68, -12.17, 2.75
CIELCh	76, 12.477, 167.251
Yxy	49.3686, 0.2986, 0.3450
Android (android.graphics.Color)	4288987573 (0xFFA4C1B5)
YUV	182.9610, -0.9668, -16.6288
Hunter-Lab	70.2628, -14.4306, 6.1539

Details

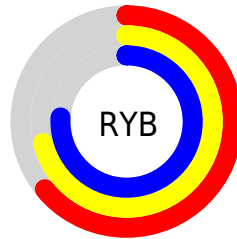
The XYZ color **42.7203, 49.3686, 50.9936** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.1060, 41.0242, 46.7230**, and the grayscale version is **44.9999, 47.3434, 51.5569**.

A 20% lighter version of the original color is **78.3752, 88.9259, 93.1544**, and **19.8110, 23.4685, 23.9078** is the 20% darker color. If you saturate the color by 10%, you get **38.2395, 47.1520, 46.6281**, and if you desaturate by 10%, it is **47.8553, 51.9197, 55.6371**.

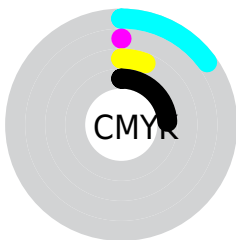
Distribution



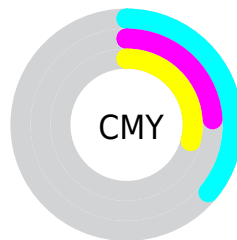
- Red (64%)
- Green (76%)
- Blue (71%)



- Red (64%)
- Yellow (71%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)





- Cyan (36%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7203, 49.3686, 50.9936 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 42.7203, 49.3686, 50.9936 by changing the saturation by 10% instead.


 42.7203, 49.3686,
50.9936


 42.7203, 49.3686,
50.9936


348.4013,
384.1916, 407.3848

 29.8593, 34.9120,
35.8268


 78.5470, 89.2387,
93.0567

 19.8793, 23.5951,
24.0118


 102.2433,
115.4209, 120.7901

 12.4151, 15.0335,
15.1301


130.2822,
146.2804, 153.5495

 7.1013, 8.8429,
8.7631

163.0289,
182.2016, 191.7534

 3.5724, 4.6389,
4.4923

200.8488,
223.5690, 235.8203

 1.4632, 2.0370,
1.8991

244.1072,

 0.3006, 0.6288,

270.7668, 286.1688

0.4922

293.1696,
324.1796, 343.2175

■ 0.0000, 0.0000,
0.0000

■ 42.7203, 49.3686,
50.9936

■ 42.7203, 49.3686,
50.9936

■ 38.2395, 47.1520,
46.6281

■ 47.8553, 51.9197,
55.6371

■ 34.3809, 45.2495,
42.5320

■ 53.6667, 54.8126,
60.5605

■ 31.1158, 43.6477,
38.7008

■ 60.1804, 58.0620,
65.7699

■ 28.4117, 42.3299,
35.1285

■ 67.4200, 61.6799,
71.2703

■ 26.2325, 41.2778,
31.8093

■ 73.3538, 64.6189,
76.9702

■ 24.5382, 40.4705,
28.7365

■ 74.4434, 65.0547,
82.7078

■ 23.2821, 39.8844,
25.9035

■ 75.5843, 65.5111,
88.7156

■ 22.4079, 39.4904,
23.3026

■ 76.7771, 65.9882,
94.9972

■ 22.0588, 39.3369,
22.0914

■ 78.0227, 66.4864,
101.5560

Harmonies

Analogous

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



43.7345, 49.3686, 45.5681



42.7203, 49.3686, 50.9936



42.8053, 49.3686, 57.6182

Triad

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



42.7203, 49.3686, 50.9936



48.2539, 49.3686, 66.8504



50.0055, 49.3686, 44.9376

Complementary

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



42.7203, 49.3686, 50.9936



43.1060, 41.0242, 46.7230

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.



51.2975, 49.3686, 50.0666



42.7203, 49.3686, 50.9936



50.2636, 49.3686, 62.8658

Square

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



42.7203, 49.3686, 50.9936



45.9493, 49.3686, 67.1502



51.3935, 49.3686, 56.6123



47.9111, 49.3686, 42.2697

Rectangle

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



42.7203, 49.3686, 50.9936



43.4736, 49.3686, 61.8334



51.3935, 49.3686, 56.6123



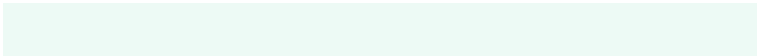
50.5510, 49.3686, 46.4110

Sweetspot

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



42.7217, 49.3707, 50.9947



85.6551, 92.9594, 99.5979



43.6958, 50.0623, 42.4827



18.2278, 19.8693, 21.2373



92.9021, 97.7402, 106.4391



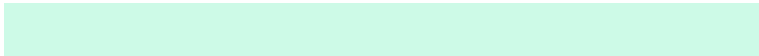
19.4759, 20.4902, 22.3138

Same Dimension

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



42.7217, 49.3707, 50.9947



73.7728, 87.0622, 88.7285



43.4772, 48.8249, 57.5871



10.1865, 11.3556, 11.9853



14.7116, 26.1787, 14.9063



0.6693, 1.1446, 0.8212

Inverse Universe

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



43.1060, 41.0242, 46.7230



74.5916, 69.2855, 79.6319



42.4068, 41.4432, 40.8870



10.2422, 10.1455, 11.3659



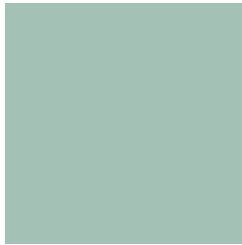
15.6252, 7.9398, 5.9385



0.7094, 0.3568, 0.4370

Previews

White Background



This preview shows how the XYZ color 42.7203, 49.3686, 50.9936 looks on a white background.

Color Contrast Check

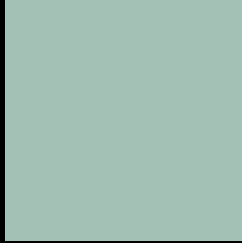
Large Text (above 18pt) WCAG AA × Fail

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 42.7203, 49.3686, 50.9936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

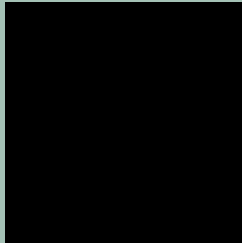
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7203, 49.3686, 50.9936

Background



This preview shows how black text looks on a background with the XYZ color 42.7203, 49.3686, 50.9936.



This preview shows how white text looks on a background with the XYZ color 42.7203, 49.3686,

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

42.7203, 49.3686, 50.9936

Protanopia

47.0230, 49.0787, 48.5897

Deuteranopia

50.1498, 49.0823, 52.1781



Tritanopia

45.3655, 49.1278, 64.8492

Trichromacy



Original Color

42.7203, 49.3686, 50.9936

Protanomaly

45.3105, 49.1259, 49.2136

Deuteranomaly

47.1314, 49.0640, 51.7859

Tritanomaly

44.3136, 49.0279, 59.3523

Monochromacy



Original Color

42.7203, 49.3686, 50.9936

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.1183, 48.1482, 51.2242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7203, 49.3686, 50.9936 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, 193, 181)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 181)  
}
```

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, 193, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.7203, 49.3686, 50.9936 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, 193, 181) }
```


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

```
.border{ border-color:rgb(164, 193, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 193, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 181);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7203, 49.3686, 50.9936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 193, 181) }
```

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

```
.background{ background-color: rgb(164,  
193, 181) }
```

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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