

Converting Colors

XYZ(42.9980, 50.0698, 52.4072)

Have a look what the booklet for
XYZ(42.9980, 50.0698, 52.4072)
contains.

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Color

**XYZ(42.9626, 50.1305,
52.2115)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C3B7
RGB	162, 195, 183
RGB Percent	64%, 76%, 72%
CMY	0.3647, 0.2353, 0.2823
CMYK	0.17, 0.00, 0.06, 0.24
HSL	158°, 22%, 70%
HSV	158°, 17%, 76%
XYZ	42.9626, 50.1305, 52.2115
YIQ	183.7650, -15.8160, -10.7280

Conversions

Conversions Part 2

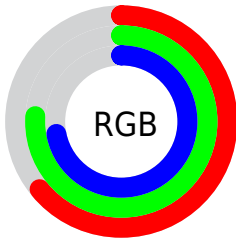
Format	Color
RYB	162, 182, 195
Decimal	10666935
CIELab	76.15, -13.47, 2.34
CIELCh	76, 13.671, 170.163
Yxy	50.1305, 0.2957, 0.3450
Android (android.graphics.Color)	4288857015 (0xFFA2C3B7)
YUV	183.7650, -0.3771, -19.0879
Hunter-Lab	70.8029, -15.5928, 5.8404

Details

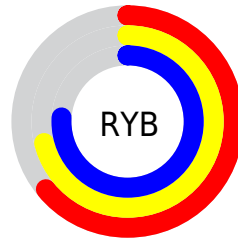
The XYZ color **42.9626, 50.1305, 52.2115** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0677, 40.5000, 45.5939**, and the grayscale version is **45.4397, 47.8061, 52.0608**.

A 20% lighter version of the original color is **79.0057, 90.6045, 94.9857**, and **19.9845, 23.9765, 24.6937** is the 20% darker color. If you saturate the color by 10%, you get **38.5850, 47.9583, 48.2505**, and if you desaturate by 10%, it is **47.9945, 52.6384, 56.3995**.

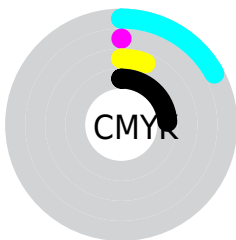
Distribution



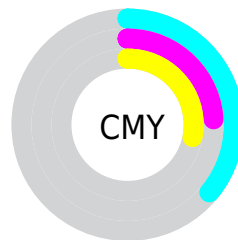
- Red (64%)
- Green (76%)
- Blue (72%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)





- Cyan (36%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9626, 50.1305, 52.2115 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 42.9626, 50.1305, 52.2115 by changing the saturation by 10% instead.


 42.9626, 50.1305,
52.2115


 42.9626, 50.1305,
52.2115


349.3821,
387.1761, 412.2327

 30.0502, 35.5171,
36.7903

 78.9105, 90.3682,
94.8728

 20.0249, 24.0615,
24.7506


 102.6766,
116.7613, 122.9500

 12.5215, 15.3792,
15.6740


130.7914,
147.8497, 156.0830

 7.1746, 9.0860,
9.1419

163.6202,
184.0179, 194.6902

 3.6189, 4.7973,
4.7358

201.5283,
225.6503, 239.1903

 1.4889, 2.1288,
2.0371

244.8810,

 0.3182, 0.6808,

273.1311, 290.0017

0.5779

294.0438,
326.8449, 347.5430

■ 0.0000, 0.0000,
0.0000

■ 42.9626, 50.1305,
52.2115

■ 42.9626, 50.1305,
52.2115

■ 38.5850, 47.9583,
48.2505

■ 47.9945, 52.6384,
56.3995

■ 34.8288, 46.1008,
44.5088

■ 53.7034, 55.4897,
60.8150

■ 31.6643, 44.5442,
40.9834

■ 60.1161, 58.6993,
65.4632

■ 29.0578, 43.2712,
37.6696

■ 67.2566, 62.2796,
70.3478

■ 26.9720, 42.2625,
34.5627

■ 73.4715, 65.3783,
75.3940

■ 25.3650, 41.4967,
31.6575

■ 74.4224, 65.7587,
80.4014

■ 24.1877, 40.9485,
28.9487

■ 75.4135, 66.1551,
85.6206

■ 23.3741, 40.5840,
26.4298

■ 76.4454, 66.5678,
91.0543

■ 23.1594, 40.4895,
25.6909

■ 77.5184, 66.9971,
96.7047

Harmonies

Analogous

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



43.9688, 50.1305, 46.0458



42.9626, 50.1305, 52.2115



43.1768, 50.1305, 59.5857

Triad

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



42.9626, 50.1305, 52.2115



49.3635, 50.1305, 68.9072



50.8692, 50.1305, 44.4635

Complementary

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



42.9626, 50.1305, 52.2115



43.0677, 40.5000, 45.5939

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.



52.4167, 50.1305, 49.8696



42.9626, 50.1305, 52.2115



51.5260, 50.1305, 64.1164

Square

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



42.9626, 50.1305, 52.2115



46.8119, 50.1305, 69.6766



52.6612, 50.1305, 57.0265



48.4931, 50.1305, 41.8445

Rectangle

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



42.9626, 50.1305, 52.2115



43.9858, 50.1305, 64.1847



52.6612, 50.1305, 57.0265



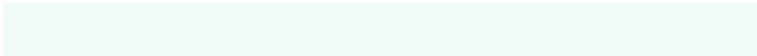
51.5071, 50.1305, 45.9911

Sweetspot

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



42.9640, 50.1326, 52.2126



87.7500, 95.1675, 102.4368



43.5162, 50.6512, 41.6662



19.0627, 20.7640, 22.3108



0.0000, 0.0000, 0.0000



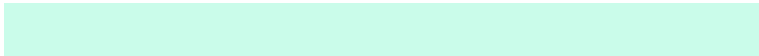
20.3446, 21.4041, 23.3091

Same Dimension

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



42.9640, 50.1326, 52.2126



74.1620, 88.4003, 91.0618



43.2959, 48.7109, 58.7525



10.2081, 11.3643, 12.0989



15.0931, 26.3313, 16.9154



0.6843, 1.1505, 0.9000

Inverse Universe

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



43.0677, 40.5000, 45.5939



74.3803, 68.1863, 77.1755



42.7378, 41.6301, 39.9659



10.2212, 10.1371, 11.2554



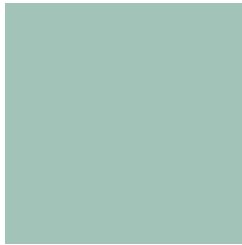
15.4021, 7.8506, 4.7637



0.6987, 0.3525, 0.3808

Previews

White Background



This preview shows how the XYZ color 42.9626, 50.1305, 52.2115 looks on a white background.

Color Contrast Check

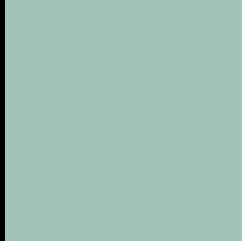
Large Text (above 18pt) WCAG AA × Fail

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 42.9626, 50.1305, 52.2115 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

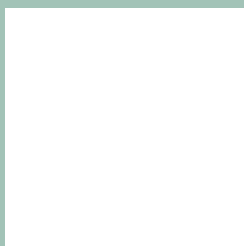
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9626, 50.1305, 52.2115

Background



This preview shows how black text looks on a background with the XYZ color 42.9626, 50.1305, 52.2115.



This preview shows how white text looks on a background with the XYZ color 42.9626, 50.1305,

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

42.9626, 50.1305, 52.2115

Protanopia

47.7985, 50.0925, 49.2690

Deuteranopia

50.8404, 49.7147, 53.3707



Tritanopia

45.6192, 49.8736, 66.2537

Trichromacy



Original Color

42.9626, 50.1305, 52.2115

Protanomaly

45.9431, 50.0673, 50.4225

Deuteranomaly

47.5511, 49.5677, 52.9603

Tritanomaly

44.5597, 49.7758, 60.6852

Monochromacy



Original Color

42.9626, 50.1305, 52.2115

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.5394, 48.6572, 52.3917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9626, 50.1305, 52.2115 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(162, 195, 183)` looks like.

```
.text, #text, p{  
    color:rgb(162, 195, 183)  
}
```

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(162, 195, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 195, 183) }
```

Border

The CSS property to change the border of an element to XYZ 42.9626, 50.1305, 52.2115 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(162, 195, 183) }
```


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

```
.border{ border-color:rgb(162, 195, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 195, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 195, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 195, 183);  
box-shadow:4px 4px 4px 4px rgb(162, 195,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9626, 50.1305, 52.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 195, 183) }
```

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

```
.background{ background-color: rgb(162,  
195, 183) }
```

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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