

Converting Colors

XYZ(42.3992, 49.4499, 51.7750)

Have a look what the booklet for
XYZ(42.3992, 49.4499, 51.7750)
contains.

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Color

**XYZ(42.4332, 49.5380,
51.5813)**

Conversions

Conversions Part 1

Format	Color
Hex	A1C2B6
RGB	161, 194, 182
RGB Percent	63%, 76%, 71%
CMY	0.3686, 0.2392, 0.2863
CMYK	0.17, 0.00, 0.06, 0.24
HSL	158°, 21%, 70%
HSV	158°, 17%, 76%
XYZ	42.4332, 49.5380, 51.5813
YIQ	182.7650, -15.8160, -10.7280

Conversions

Conversions Part 2

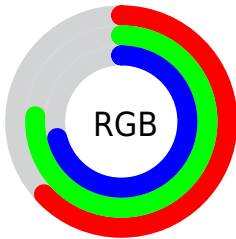
Format	Color
RYB	161, 181, 194
Decimal	10601142
CIELab	75.78, -13.48, 2.34
CIELCh	76, 13.683, 170.155
Yxy	49.5380, 0.2956, 0.3451
Android (android.graphics.Color)	4288791222 (0xFFA1C2B6)
YUV	182.7650, -0.3771, -19.0879
Hunter-Lab	70.3832, -15.5552, 5.8168

Details

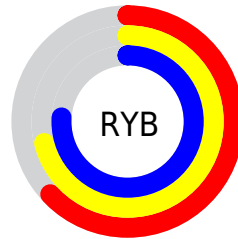
The XYZ color **42.4332, 49.5380, 51.5813** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.5375, 39.9774, 45.0117**, and the grayscale version is **44.8903, 47.2281, 51.4314**.

A 20% lighter version of the original color is **78.2487, 89.7663, 94.0914**, and **19.6472, 23.5924, 24.2871** is the 20% darker color. If you saturate the color by 10%, you get **38.1122, 47.3940, 47.6687**, and if you desaturate by 10%, it is **47.4003, 52.0136, 55.7180**.

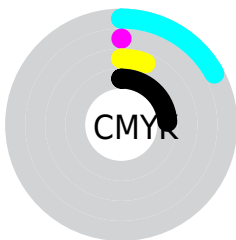
Distribution



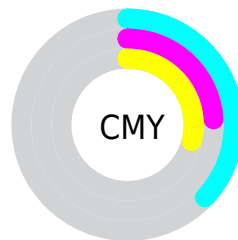
- Red (63%)
- Green (76%)
- Blue (71%)



- Red (63%)
- Yellow (71%)
- Blue (76%)



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



- Cyan (37%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4332, 49.5380, 51.5813 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 42.4332, 49.5380, 51.5813 by changing the saturation by 10% instead.

■ 42.4332, 49.5380,
51.5813

■ 42.4332, 49.5380,
51.5813

347.2367,
384.8565, 409.7289

■ 29.6332, 35.0464,
36.2915

■ 78.1159, 89.4900,
93.9337

■ 19.7071, 23.6987,
24.3679

■ 101.7293,
115.7192, 121.8335

■ 12.2893, 15.1102,
15.3921

129.6780,
146.6298, 154.7736

■ 7.0146, 8.8968,
8.9453

162.3272,
182.6060, 193.1726

■ 3.5177, 4.6739,
4.6092

200.0423,
224.0325, 237.4491

■ 1.4331, 2.0572,
1.9652

243.1887,

■ 0.2796, 0.6404,

271.2934, 288.0217

0.5337

292.1317,
324.7733, 345.3087

■ 0.0000, 0.0000,
0.0000

■ 42.4332, 49.5380,
51.5813

■ 42.4332, 49.5380,
51.5813

■ 38.1122, 47.3940,
47.6687

■ 47.4003, 52.0136,
55.7180

■ 34.4048, 45.5607,
43.9729

■ 53.0360, 54.8282,
60.0795

■ 31.2818, 44.0245,
40.4905

■ 59.3668, 57.9968,
64.6708

■ 28.7097, 42.7684,
37.2173

■ 66.4163, 61.5314,
69.4956

■ 26.6518, 41.7733,
34.1483

■ 73.0935, 64.8697,
74.5054

■ 25.0664, 41.0179,
31.2786

■ 74.0328, 65.2454,
79.4516

■ 23.9054, 40.4773,
28.6028

■ 75.0118, 65.6370,
84.6071

■ 23.1026, 40.1177,
26.1146

■ 76.0311, 66.0447,
89.9743

■ 22.8959, 40.0267,
25.4052

■ 77.0910, 66.4687,
95.5557

Harmonies

Analogous

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



43.4323, 49.5380, 45.4615



42.4332, 49.5380, 51.5813



42.6455, 49.5380, 58.9042

Triad

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



42.4332, 49.5380, 51.5813



48.7878, 49.5380, 68.1678



50.2844, 49.5380, 43.8938

Complementary

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



42.4332, 49.5380, 51.5813



42.5375, 39.9774, 45.0117

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.



51.8210, 49.5380, 49.2600



42.4332, 49.5380, 51.5813



50.9357, 49.5380, 63.4086

Square

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



42.4332, 49.5380, 51.5813



46.2540, 49.5380, 68.9312



52.0636, 49.5380, 56.3664



47.9247, 49.5380, 41.2944

Rectangle

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



42.4332, 49.5380, 51.5813



43.4484, 49.5380, 63.4730



52.0636, 49.5380, 56.3664



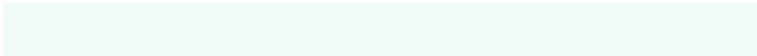
50.9178, 49.5380, 45.4100

Sweetspot

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



42.4346, 49.5401, 51.5824



87.7500, 95.1675, 102.4368



42.9821, 50.0546, 41.1150



19.0627, 20.7640, 22.3108



0.0000, 0.0000, 0.0000



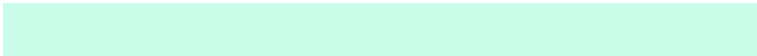
20.3446, 21.4041, 23.3091

Same Dimension

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



42.4346, 49.5401, 51.5824



74.1620, 88.4003, 91.0620



42.7641, 48.1279, 58.0770



10.2081, 11.3643, 12.0989



15.0932, 26.3313, 16.9155



0.6843, 1.1506, 0.9000

Inverse Universe

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



42.5375, 39.9774, 45.0117



74.3802, 68.1863, 77.1754



42.2101, 41.0986, 39.4271



10.2212, 10.1371, 11.2554



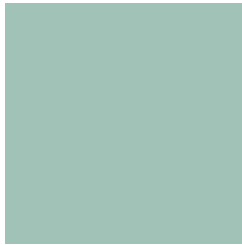
15.4021, 7.8506, 4.7636



0.6987, 0.3525, 0.3808

Previews

White Background



This preview shows how the XYZ color 42.4332, 49.5380, 51.5813 looks on a white background.

Color Contrast Check

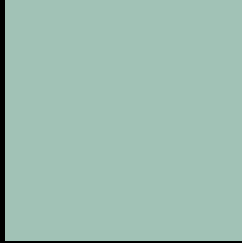
Large Text (above 18pt) WCAG AA × Fail

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 42.4332, 49.5380, 51.5813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

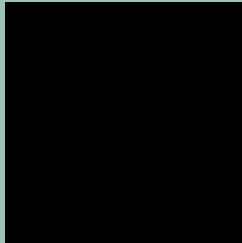
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4332, 49.5380, 51.5813

Background



This preview shows how black text looks on a background with the XYZ color 42.4332, 49.5380, 51.5813.



This preview shows how white text looks on a background with the XYZ color 42.4332, 49.5380,

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

42.4332, 49.5380, 51.5813

Protanopia

47.2329, 49.4986, 48.6597

Deuteranopia

50.2551, 49.1244, 52.7322



Tritanopia

45.0711, 49.2825, 65.5295

Trichromacy



Original Color

42.4332, 49.5380, 51.5813

Protanomaly

45.3903, 49.4736, 49.8049

Deuteranomaly

46.9870, 48.9774, 52.3245

Tritanomaly

44.0187, 49.1853, 59.9970

Monochromacy



Original Color

42.4332, 49.5380, 51.5813

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.9968, 48.0735, 51.7600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4332, 49.5380, 51.5813 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(161, 194, 182)` looks like.

```
.text, #text, p{  
    color:rgb(161, 194, 182)  
}
```

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(161, 194, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 194, 182) }
```

Border

The CSS property to change the border of an element to XYZ 42.4332, 49.5380, 51.5813 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(161, 194, 182) }
```


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

```
.border{ border-color:rgb(161, 194, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 194, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 194, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 194, 182);  
box-shadow:4px 4px 4px 4px rgb(161, 194,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4332, 49.5380, 51.5813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 194, 182) }
```

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

```
.background{ background-color: rgb(161,  
194, 182) }
```

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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