

Converting Colors

XYZ(43.3348, 49.6625, 52.5752)

Have a look what the booklet for
XYZ(43.3348, 49.6625, 52.5752)
contains.

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Color

**XYZ(43.2387, 49.6000,
52.6422)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C1B8
RGB	165, 193, 184
RGB Percent	65%, 76%, 72%
CMY	0.3529, 0.2431, 0.2784
CMYK	0.15, 0.00, 0.05, 0.24
HSL	161°, 18%, 70%
HSV	161°, 15%, 76%
XYZ	43.2387, 49.6000, 52.6422
YIQ	183.6020, -13.7990, -8.7350

Conversions

Conversions Part 2

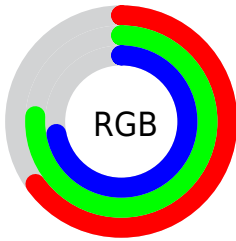
Format	Color
RYB	165, 182, 193
Decimal	10863032
CIELab	75.82, -11.24, 1.34
CIELCh	76, 11.323, 173.183
Yxy	49.6000, 0.2972, 0.3409
Android (android.graphics.Color)	4289053112 (0xFFA5C1B8)
YUV	183.6020, 0.1962, -16.3140
Hunter-Lab	70.4273, -13.6579, 4.9816

Details

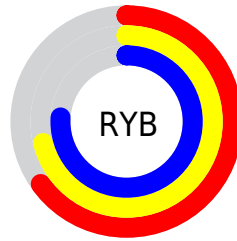
The XYZ color **43.2387, 49.6000, 52.6422** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0892, 41.3049, 45.7482**, and the grayscale version is **45.3460, 47.7076, 51.9535**.

A 20% lighter version of the original color is **79.1191, 89.2583, 95.4966**, and **20.1394, 23.6146, 24.9694** is the 20% darker color. If you saturate the color by 10%, you get **38.8873, 47.4316, 49.1179**, and if you desaturate by 10%, it is **48.2273, 52.0962, 56.3473**.

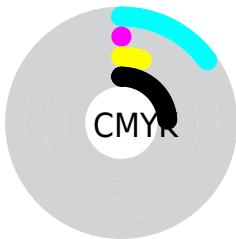
Distribution



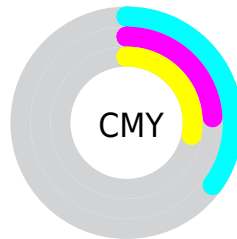
- Red (65%)
- Green (76%)
- Blue (72%)



- Red (65%)
- Yellow (71%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)




- Cyan (35%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2387, 49.6000, 52.6422 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 43.2387, 49.6000, 52.6422 by changing the saturation by 10% instead.


 43.2387, 49.6000,
52.6422


 43.2387, 49.6000,
52.6422


350.4974,
385.0996, 413.9382

 30.2678, 35.0957,
37.1314

 79.3244, 89.5819,
95.5139

 20.1910, 23.7366,
25.0127


 103.1699,
115.8283, 123.7119

 12.6430, 15.1383,
15.8674


131.3710,
146.7575, 156.9760

 7.2585, 8.9165,
9.2770

164.2930,
182.7540, 195.7249

 3.6721, 4.6868,
4.8230

202.3013,
224.2020, 240.3770

 1.5183, 2.0647,
2.0869

245.7612,

 0.3383, 0.6447,

271.4860, 291.3509

0.6080

295.0381,
324.9904, 349.0651

■ 0.0000, 0.0000,
0.0000

■ 43.2387, 49.6000,
52.6422

■ 43.2387, 49.6000,
52.6422

■ 38.8873, 47.4316,
49.1179

■ 48.2273, 52.0962,
56.3473

■ 35.1414, 45.5709,
45.7681

■ 53.8746, 54.9274,
60.2330

■ 31.9731, 44.0046,
42.5904

■ 60.2062, 58.1079,
64.3034

■ 29.3502, 42.7163,
39.5814

■ 67.2451, 61.6497,
68.5613

■ 27.2376, 41.6879,
36.7375

■ 72.5801, 64.3095,
72.8957

■ 25.5956, 40.8992,
34.0548

■ 73.3930, 64.6347,
77.1763

■ 24.3788, 40.3265,
31.5291

■ 74.2365, 64.9721,
81.6179

■ 23.5320, 39.9416,
29.1556

■ 75.1108, 65.3218,
86.2222

■ 23.1645, 39.7793,
27.9134

■ 76.0164, 65.6841,
90.9909

Harmonies

Analogous

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



43.9777, 49.6000, 47.3551



43.2387, 49.6000, 52.6422



43.5208, 49.6000, 58.6976

Triad

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



43.2387, 49.6000, 52.6422



48.7542, 49.6000, 65.3741



49.6099, 49.6000, 45.2500

Complementary

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



43.2387, 49.6000, 52.6422



43.0892, 41.3049, 45.7482

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.



50.9615, 49.6000, 49.5712



43.2387, 49.6000, 52.6422



50.4573, 49.6000, 61.2521

Square

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



43.2387, 49.6000, 52.6422



46.6647, 49.6000, 66.3488



51.2762, 49.6000, 55.3931



47.6252, 49.6000, 43.2975

Rectangle

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



43.2387, 49.6000, 52.6422



44.2540, 49.6000, 62.3307



51.2762, 49.6000, 55.3931



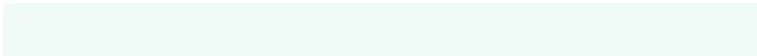
50.1557, 49.6000, 46.4576

Sweetspot

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



43.2401, 49.6021, 52.6433



86.7973, 93.5136, 101.2173



43.3930, 49.8958, 42.9417



18.4658, 19.9841, 21.6037



92.9021, 97.7402, 106.4391



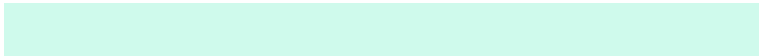
19.4759, 20.4902, 22.3138

Same Dimension

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



43.2401, 49.6021, 52.6433



75.1788, 87.7048, 92.5075



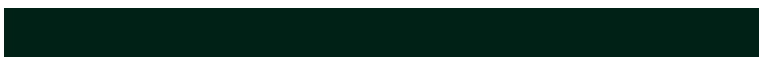
43.1988, 47.9606, 57.4351



10.2263, 11.3716, 12.1950



15.4442, 26.4717, 18.7638



0.6976, 1.1559, 0.9705

Inverse Universe

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



43.0892, 41.3049, 45.7482



74.8637, 70.3580, 78.0939



43.0977, 42.6800, 41.5644



10.2037, 10.1301, 11.1631



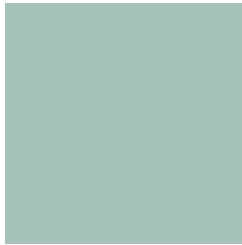
15.2395, 7.7855, 3.9071



0.6905, 0.3492, 0.3373

Previews

White Background



This preview shows how the XYZ color 43.2387, 49.6000, 52.6422 looks on a white background.

Color Contrast Check

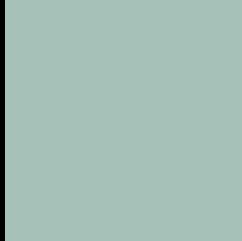
Large Text (above 18pt) WCAG AA × Fail

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 43.2387, 49.6000, 52.6422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

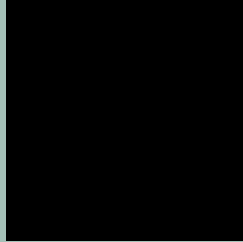
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2387, 49.6000, 52.6422

Background



This preview shows how black text looks on a background with the XYZ color 43.2387, 49.6000, 52.6422.



This preview shows how white text looks on a background with the XYZ color 43.2387, 49.6000,

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

43.2387, 49.6000, 52.6422

Protanopia

47.2830, 49.4895, 50.2404

Deuteranopia

50.3954, 49.4730, 53.9068



Tritanopia

45.7951, 49.6697, 64.9312

Trichromacy



Original Color

43.2387, 49.6000, 52.6422

Protanomaly

45.8295, 49.6765, 50.8891

Deuteranomaly

47.4471, 49.1902, 53.4483

Tritanomaly

44.8573, 49.6177, 60.0363

Monochromacy



Original Color

43.2387, 49.6000, 52.6422

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.5535, 48.3485, 52.3314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2387, 49.6000, 52.6422 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(165, 193, 184)` looks like.

```
.text, #text, p{  
    color:rgb(165, 193, 184)  
}
```

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(165, 193, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 193, 184) }
```

Border

The CSS property to change the border of an element to XYZ 43.2387, 49.6000, 52.6422 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(165, 193, 184) }
```


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

```
.border{ border-color:rgb(165, 193, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 193, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 193, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 193, 184);  
box-shadow:4px 4px 4px 4px rgb(165, 193,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2387, 49.6000, 52.6422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 193, 184) }
```

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

```
.background{ background-color: rgb(165,  
193, 184) }
```

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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