

Converting Colors

XYZ(41.4333, 49.7593, 52.9045)

Have a look what the booklet for
XYZ(41.4333, 49.7593, 52.9045)
contains.

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Color

**XYZ(41.3406, 49.6159,
52.7454)**

Conversions

Conversions Part 1

Format	Color
Hex	98C4B8
RGB	152, 196, 184
RGB Percent	60%, 77%, 72%
CMY	0.4039, 0.2314, 0.2784
CMYK	0.22, 0.00, 0.06, 0.23
HSL	164°, 27%, 68%
HSV	164°, 22%, 77%
XYZ	41.3406, 49.6159, 52.7454
YIQ	181.4760, -22.3720, -13.0600

Conversions

Conversions Part 2

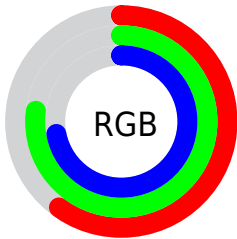
Format	Color
RYB	152, 177, 196
Decimal	10011832
CIELab	75.83, -17.00, 1.26
CIElCh	76, 17.044, 175.766
Yxy	49.6159, 0.2877, 0.3453
Android (android.graphics.Color)	4288201912 (0xFF98C4B8)
YUV	181.4760, 1.2443, -25.8505
Hunter-Lab	70.4386, -18.5053, 4.9098

Details

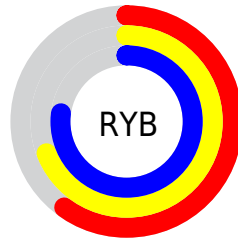
The XYZ color **41.3406, 49.6159, 52.7454** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.6958, 36.8740, 40.0966**, and the grayscale version is **44.1820, 46.4829, 50.6199**.

A 20% lighter version of the original color is **76.5856, 89.8072, 95.7361**, and **19.0253, 23.6940, 25.0434** is the 20% darker color. If you saturate the color by 10%, you get **37.4213, 47.6603, 49.6922**, and if you desaturate by 10%, it is **45.8901, 51.8966, 55.9407**.

Distribution



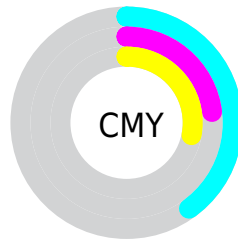
- Red (60%)
- Green (77%)
- Blue (72%)



- Red (60%)
- Yellow (69%)
- Blue (77%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)





- Cyan (40%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3406, 49.6159, 52.7454 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 41.3406, 49.6159, 52.7454 by changing the saturation by 10% instead.


 41.3406, 49.6159,
52.7454


 41.3406, 49.6159,
52.7454


342.7805,
385.1620, 414.3461

 28.7742, 35.1083,
37.2132


 76.4721, 89.6055,
95.6674

 19.0535, 23.7463,
25.0755


 99.7679, 115.8563,
123.8942

 11.8132, 15.1455,
15.9138


127.3708,
146.7903, 157.1898

 6.6879, 8.9216,
9.3095

159.6463,
182.7919, 195.9725

 3.3123, 4.6901,
4.8440

196.9597,
224.2455, 240.6610

 1.3210, 2.0666,
2.0989

239.6762,

 0.1988, 0.6457,

271.5354, 291.6737

0.6151

288.1614,
325.0461, 349.4292

■ 0.0000, 0.0000,
0.0000

■ 41.3406, 49.6159,
52.7454

■ 41.3406, 49.6159,
52.7454

■ 37.4213, 47.6603,
49.6922

■ 45.8901, 51.8966,
55.9407

■ 34.0981, 46.0082,
46.7753

■ 51.0935, 54.5106,
59.2774

■ 31.3398, 44.6450,
43.9930

■ 56.9786, 57.4735,
62.7589

■ 29.1107, 43.5522,
41.3423

■ 63.5699, 60.7980,
66.3876

■ 27.3710, 42.7094,
38.8203

■ 70.8911, 64.4961,
70.1656

■ 26.0749, 42.0930,
36.4233

■ 73.3858, 65.7036,
73.8341

■ 25.1678, 41.6748,
34.1476

■ 74.0888, 65.9848,
77.5362

■ 24.6639, 41.4508,
32.5051

■ 74.8145, 66.2751,
81.3578

■ 75.5632, 66.5745,
85.3001

Harmonies

Analogous

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



42.2994, 49.6159, 44.7910



41.3406, 49.6159, 52.7454



41.8825, 49.6159, 61.9672

Triad

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



41.3406, 49.6159, 52.7454



49.8563, 49.6159, 71.3069



50.6691, 49.6159, 40.8455

Complementary

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



41.3406, 49.6159, 52.7454



40.6958, 36.8740, 40.0966

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.



52.8598, 49.6159, 46.7890



41.3406, 49.6159, 52.7454



52.3760, 49.6159, 64.4443

Square

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



41.3406, 49.6159, 52.7454



46.7101, 49.6159, 73.3560



53.4980, 49.6159, 55.3216



47.6096, 49.6159, 38.4259

Rectangle

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



41.3406, 49.6159, 52.7454



43.0353, 49.6159, 67.5120



53.4980, 49.6159, 55.3216



51.5368, 49.6159, 42.4627

Sweetspot

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



41.3420, 49.6179, 52.7465



88.0110, 96.4607, 104.5304



40.8154, 49.6912, 37.1469



18.7143, 20.5844, 22.2945



0.0000, 0.0000, 0.0000



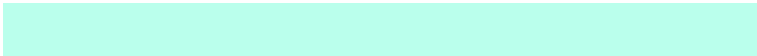
20.3446, 21.4041, 23.3091

Same Dimension

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



41.3420, 49.6179, 52.7465



71.2185, 88.0468, 92.7656



40.5717, 45.9776, 58.9630



10.2475, 11.3801, 12.3067



15.8847, 26.6479, 21.0835



0.7140, 1.1625, 1.0568

Inverse Universe

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



40.6958, 36.8740, 40.0966



69.8415, 60.8455, 65.7767



41.2724, 39.6808, 35.1906



10.1836, 10.1220, 11.0571



15.0788, 7.7213, 3.0608



0.6816, 0.3456, 0.2905

Previews

White Background



This preview shows how the XYZ color 41.3406, 49.6159, 52.7454 looks on a white background.

Color Contrast Check

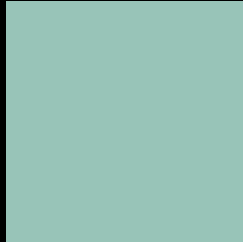
Large Text (above 18pt) WCAG AA × Fail

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 41.3406, 49.6159, 52.7454 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

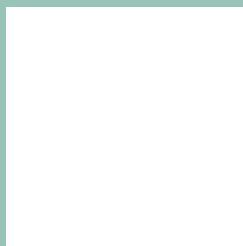
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3406, 49.6159, 52.7454

Background



This preview shows how black text looks on a background with the XYZ color 41.3406, 49.6159, 52.7454.

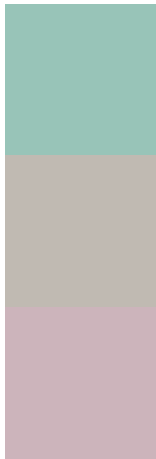


This preview shows how white text looks on a background with the XYZ color 41.3406, 49.6159,

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

41.3406, 49.6159, 52.7454

Protanopia

47.3330, 49.5386, 49.1867

Deuteranopia

50.1927, 49.0677, 53.8393



Tritanopia

44.1394, 49.4214, 66.8874

Trichromacy



Original Color

41.3406, 49.6159, 52.7454

Protanomaly

44.7831, 49.4693, 50.3682

Deuteranomaly

46.4294, 48.9773, 53.4608

Tritanomaly

42.8963, 49.2320, 61.2747

Monochromacy



Original Color

41.3406, 49.6159, 52.7454

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.5800, 47.0413, 51.0916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3406, 49.6159, 52.7454 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(152, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(152, 196, 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(152, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 196, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.3406, 49.6159, 52.7454 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(152, 196, 184) }
```


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

```
.border{ border-color:rgb(152, 196, 184) }
```

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

Here you see how a box with a 4 pixel rgb(152, 196, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(152, 196,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3406, 49.6159, 52.7454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 196, 184) }
```

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

```
.background{ background-color: rgb(152,  
196, 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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