

Converting Colors

XYZ(40.9203, 49.1701, 46.7617)

Have a look what the booklet for
XYZ(40.9203, 49.1701, 46.7617)
contains.

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Color

**XYZ(40.9626, 49.2154,
46.8757)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC3AD
RGB	157, 195, 173
RGB Percent	62%, 76%, 68%
CMY	0.3843, 0.2353, 0.3216
CMYK	0.19, 0.00, 0.11, 0.24
HSL	145°, 24%, 69%
HSV	145°, 19%, 76%
XYZ	40.9626, 49.2154, 46.8757
YIQ	181.1300, -15.5860, -14.8980

Conversions

Conversions Part 2

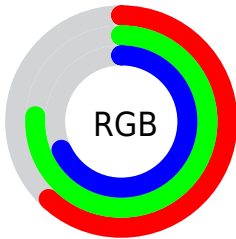
Format	Color
RYB	157, 184, 195
Decimal	10339245
CIELab	75.59, -17.09, 6.89
CIELCh	76, 18.423, 158.044
Yxy	49.2154, 0.2989, 0.3591
Android (android.graphics.Color)	4288529325 (0xFF9DC3AD)
YUV	181.1300, -4.0081, -21.1620
Hunter-Lab	70.1537, -18.5432, 9.4908

Details

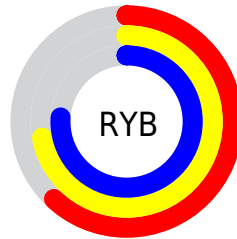
The XYZ color **40.9626, 49.2154, 46.8757** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.7011, 38.9721, 47.9219**, and the grayscale version is **44.0194, 46.3119, 50.4336**.

A 20% lighter version of the original color is **75.9654, 89.2193, 86.6160**, and **18.8018, 23.4335, 21.6213** is the 20% darker color. If you saturate the color by 10%, you get **36.4109, 46.9912, 41.1991**, and if you desaturate by 10%, it is **46.2166, 51.7937, 53.0693**.

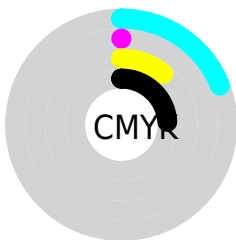
Distribution



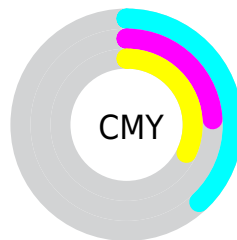
- Red (62%)
- Green (76%)
- Blue (68%)



- Red (62%)
- Yellow (72%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)





- Cyan (38%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9626, 49.2154, 46.8757 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 40.9626, 49.2154, 46.8757 by changing the saturation by 10% instead.


 40.9626, 49.2154,
46.8757


 40.9626, 49.2154,
46.8757


341.2295,
383.5897, 390.6975

 28.4774, 34.7904,
32.5838

 75.9022, 89.0113,
86.8761

 18.8281, 23.5014,
21.5393


 99.0873, 115.1509,
113.4216

 11.6494, 14.9642,
13.3237


126.5697,
145.9643, 144.8888

 6.5759, 8.7943,
7.5185

158.7149,
181.8356, 181.6961

 3.2423, 4.6072,
3.7051

195.8881,
223.1495, 224.2620

 1.2832, 2.0187,
1.4650

238.4547,

 0.1706, 0.6183,

270.2902, 273.0053

0.1916

286.7800,
323.6421, 328.3442

■ 0.0000, 0.0000,
0.0000

■ 40.9626, 49.2154,
46.8757

■ 40.9626, 49.2154,
46.8757

■ 36.4109, 46.9912,
41.1991

■ 46.2166, 51.7937,
53.0693

■ 32.5263, 45.0992,
36.0228

■ 52.1979, 54.7346,
59.7893

■ 29.2769, 43.5245,
31.3341

■ 58.9352, 58.0541,
67.0492

■ 26.6262, 42.2486,
27.1183

■ 66.4543, 61.7652,
74.8609

■ 24.5339, 41.2509,
23.3603

■ 74.7800, 65.8805,
83.2359

■ 22.9542, 40.5084,
20.0436

■ 76.5949, 66.6276,
91.8419

■ 21.8337, 39.9936,
17.1511

■ 78.3321, 67.3224,
100.9898

■ 21.0774, 39.6580,
14.6625

■ 78.8060, 67.5120,
103.4853

■ 21.0428, 39.6427,
14.5454

Harmonies

Analogous

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



42.8566, 49.2154, 40.1313



40.9626, 49.2154, 46.8757



40.5880, 49.2154, 56.2550

Triad

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



40.9626, 49.2154, 46.8757



47.7002, 49.2154, 74.3875



52.1275, 49.2154, 42.8393

Complementary

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



40.9626, 49.2154, 46.8757



42.7011, 38.9721, 47.9219

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.



53.5669, 49.2154, 51.0051



40.9626, 49.2154, 46.8757



50.9311, 49.2154, 69.7576

Square

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



40.9626, 49.2154, 46.8757



44.3715, 49.2154, 72.9339



53.1188, 49.2154, 60.9106



49.2695, 49.2154, 38.0055

Rectangle

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



40.9626, 49.2154, 46.8757



41.2323, 49.2154, 62.8983



53.1188, 49.2154, 60.9106



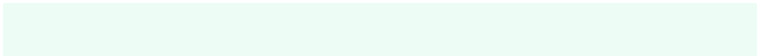
52.7994, 49.2154, 45.2436

Sweetspot

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



40.9640, 49.2175, 46.8768



86.2588, 94.4728, 99.0223



44.2316, 51.0703, 39.4254



18.7372, 20.6136, 21.5118



0.0000, 0.0000, 0.0000



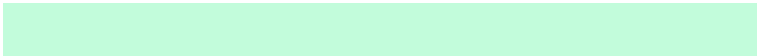
20.3446, 21.4041, 23.3091

Same Dimension

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



40.9640, 49.2175, 46.8768



70.0635, 86.5300, 79.9113



42.9174, 49.9988, 57.1634



10.1164, 11.3276, 11.6164



13.7161, 25.7805, 9.6641



0.6270, 1.1276, 0.5985

Inverse Universe

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



42.7011, 38.9721, 47.9219



73.6902, 65.1371, 82.0907



40.9239, 38.2612, 38.5634



10.3122, 10.1735, 11.7344



16.6039, 8.3313, 11.0920



0.7512, 0.3735, 0.6573

Previews

White Background



This preview shows how the XYZ color 40.9626, 49.2154, 46.8757 looks on a white background.

Color Contrast Check

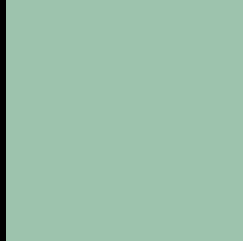
Large Text (above 18pt) WCAG AA × Fail

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 40.9626, 49.2154, 46.8757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

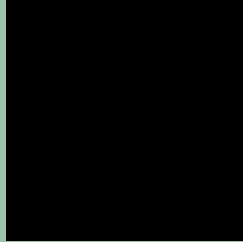
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9626, 49.2154, 46.8757

Background



This preview shows how black text looks on a background with the XYZ color 40.9626, 49.2154, 46.8757.



This preview shows how white text looks on a background with the XYZ color 40.9626, 49.2154,

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

40.9626, 49.2154, 46.8757

Protanopia

46.4092, 48.8625, 44.0312

Deuteranopia

49.6887, 48.6402, 47.8439



Tritanopia

44.5372, 49.0212, 64.8723

Trichromacy



Original Color

40.9626, 49.2154, 46.8757

Protanomaly

44.2757, 49.0008, 45.1547

Deuteranomaly

46.0731, 48.6119, 47.5122

Tritanomaly

43.1732, 49.1266, 57.6590

Monochromacy



Original Color

40.9626, 49.2154, 46.8757

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.6080, 47.1028, 48.9655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9626, 49.2154, 46.8757 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(157, 195, 173)` looks like.

```
.text, #text, p{  
    color:rgb(157, 195, 173)  
}
```

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(157, 195, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 195, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.9626, 49.2154, 46.8757 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(157, 195, 173) }
```


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

```
.border{ border-color:rgb(157, 195, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 195, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 195, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 195, 173);  
box-shadow:4px 4px 4px 4px rgb(157, 195,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9626, 49.2154, 46.8757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 195, 173) }
```

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

```
.background{ background-color: rgb(157,  
195, 173) }
```

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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