

Converting Colors

XYZ(39.5468, 50.6752, 47.3589)

Have a look what the booklet for
XYZ(39.5468, 50.6752, 47.3589)
contains.

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Color

**XYZ(39.4140, 50.4531,
47.1963)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC9AD
RGB	141, 201, 173
RGB Percent	55%, 79%, 68%
CMY	0.4471, 0.2117, 0.3216
CMYK	0.30, 0.00, 0.14, 0.21
HSL	152°, 36%, 67%
HSV	152°, 30%, 79%
XYZ	39.4140, 50.4531, 47.1963
YIQ	179.8680, -26.7720, -21.4280

Conversions

Conversions Part 2

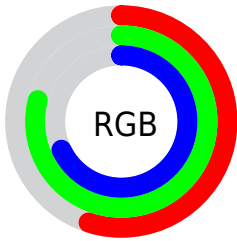
Format	Color
RYB	141, 180, 201
Decimal	9292205
CIELab	76.35, -25.19, 7.86
CIELCh	76, 26.387, 162.675
Yxy	50.4531, 0.2876, 0.3681
Android (android.graphics.Color)	4287482285 (0xFF8DC9AD)
YUV	179.8680, -3.3859, -34.0872
Hunter-Lab	71.0303, -25.2553, 10.3258

Details

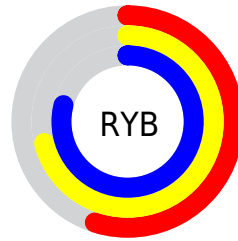
The XYZ color **39.4140, 50.4531, 47.1963** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.7754, 34.3331, 42.0161**, and the grayscale version is **43.3406, 45.5977, 49.6559**.

A 20% lighter version of the original color is **72.5285, 88.8572, 86.7273**, and **18.0047, 24.3718, 21.8444** is the 20% darker color. If you saturate the color by 10%, you get **35.4256, 48.4996, 42.4370**, and if you desaturate by 10%, it is **44.0892, 52.7560, 52.3226**.

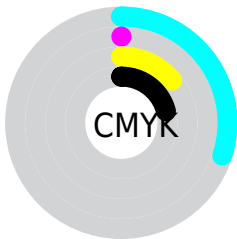
Distribution



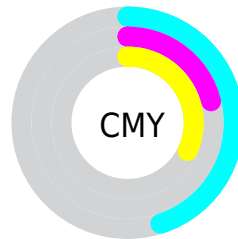
- Red (55%)
- Green (79%)
- Blue (68%)



- Red (55%)
- Yellow (71%)
- Blue (79%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (45%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4140, 50.4531, 47.1963 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 39.4140, 50.4531, 47.1963 by changing the saturation by 10% instead.

■ 39.4140, 50.4531,
47.1963

■ 39.4140, 50.4531,
47.1963

334.8244,
388.4352, 392.0140

■ 27.2641, 35.7735,
32.8354

■ 73.5604, 90.8458,
87.3596

■ 17.9093, 24.2594,
21.7303

■ 96.2876, 117.3278,
113.9991

■ 10.9842, 15.5261,
13.4624

■ 123.2713,
148.5128, 145.5686

■ 6.1234, 9.1895,
7.6133

154.8768,
184.7850, 182.4865

■ 2.9616, 4.8650,
3.7643

191.4695,
226.5290, 225.1715

■ 1.1335, 2.1683,
1.4970

233.4148,

■ 0.0529, 0.7026,

274.1291, 274.0420

0.2157

281.0779,
327.9697, 329.5167

■ 0.0000, 0.0000,
0.0000

■ 39.4140, 50.4531,
47.1963

■ 39.4140, 50.4531,
47.1963

■ 35.4256, 48.4996,
42.4370

■ 44.0892, 52.7560,
52.3226

■ 32.0849, 46.8714,
38.0330

■ 49.4794, 55.4187,
57.8206

■ 29.3553, 45.5512,
33.9765

■ 55.6161, 58.4585,
63.6993

■ 27.1945, 44.5173,
30.2584

■ 62.5277, 61.8900,
69.9661

■ 25.5544, 43.7452,
26.8688

■ 70.2411, 65.7269,
76.6285

■ 24.3786, 43.2058,
23.7975

■ 76.3103, 68.7082,
83.5779

■ 23.5629, 42.8457,
21.0313

■ 77.6582, 69.2474,
90.6760

■ 23.5518, 42.8408,
20.9923

■ 79.0781, 69.8153,
98.1528

■ 80.1775, 70.2551,
103.9425

Harmonies

Analogous

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



41.7758, 50.4531, 37.2017



39.4140, 50.4531, 47.1963



39.2386, 50.4531, 61.1486

Triad

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



39.4140, 50.4531, 47.1963



50.0774, 50.4531, 86.1227



55.3130, 50.4531, 38.4230

Complementary

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



39.4140, 50.4531, 47.1963



40.7754, 34.3331, 42.0161

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.



57.8733, 50.4531, 49.1570



39.4140, 50.4531, 47.1963



54.7135, 50.4531, 77.5614

Square

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



39.4140, 50.4531, 47.1963



45.1699, 50.4531, 85.3511



57.6466, 50.4531, 63.4762



50.8505, 50.4531, 32.7688

Rectangle

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



39.4140, 50.4531, 47.1963



40.3662, 50.4531, 71.0390



57.6466, 50.4531, 63.4762



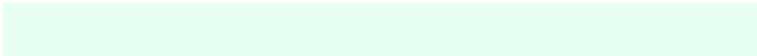
56.4380, 50.4531, 41.4693

Sweetspot

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



39.4154, 50.4552, 47.1974



85.4281, 95.2334, 99.6979



42.2736, 52.2446, 33.0563



17.9739, 20.2299, 21.0320



0.0000, 0.0000, 0.0000



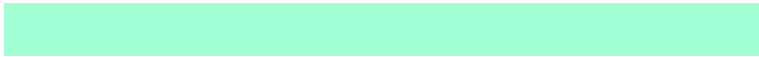
20.3446, 21.4041, 23.3091

Same Dimension

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



39.4154, 50.4552, 47.1974



62.8089, 84.0891, 75.3123



42.1831, 51.1905, 62.9182



10.7299, 11.9809, 12.5280



14.8545, 26.9542, 13.4444



0.7397, 1.2908, 0.8280

Inverse Universe

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



40.7754, 34.3331, 42.0161



65.5184, 51.9837, 65.0000



38.5696, 33.6878, 29.6697



10.8364, 10.7179, 12.1217



16.4554, 8.3317, 7.6082



0.8157, 0.4091, 0.5525

Previews

White Background



This preview shows how the XYZ color 39.4140, 50.4531, 47.1963 looks on a white background.

Color Contrast Check

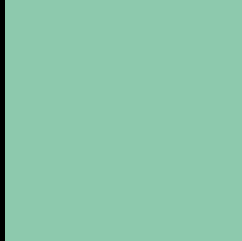
Large Text (above 18pt) WCAG AA × Fail

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 39.4140, 50.4531, 47.1963 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 39.4140, 50.4531, 47.1963

Background



This preview shows how black text looks on a background with the XYZ color 39.4140, 50.4531, 47.1963.



This preview shows how white text looks on a background with the XYZ color 39.4140, 50.4531,

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

39.4140, 50.4531, 47.1963

Protanopia

47.4182, 50.0296, 43.2339

Deuteranopia

51.0380, 49.9237, 48.5412



Tritanopia

43.8922, 50.5726, 69.0761

Trichromacy



Original Color

39.4140, 50.4531, 47.1963

Protanomaly

43.9156, 49.7940, 44.8327

Deuteranomaly

45.8273, 49.4153, 48.1970

Tritanomaly

42.1262, 50.5304, 60.3564

Monochromacy



Original Color

39.4140, 50.4531, 47.1963

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.6449, 47.2478, 48.5198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4140, 50.4531, 47.1963 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(141, 201, 173)` looks like.

```
.text, #text, p{  
    color:rgb(141, 201, 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(141, 201, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 201, 173) }
```

Border

The CSS property to change the border of an element to XYZ 39.4140, 50.4531, 47.1963 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(141, 201, 173) }
```


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

```
.border{ border-color:rgb(141, 201, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 201, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 201, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 201, 173);  
box-shadow:4px 4px 4px 4px rgb(141, 201,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4140, 50.4531, 47.1963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 201, 173) }
```

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

```
.background{ background-color: rgb(141,  
201, 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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