

Converting Colors

XYZ(40.0555, 49.0590, 47.9156)

Have a look what the booklet for
XYZ(40.0555, 49.0590, 47.9156)
contains.

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Color

**XYZ(40.0555, 49.0590,
47.9156)**

Conversions

Conversions Part 1

Format	Color
Hex	96C4AF
RGB	150, 196, 175
RGB Percent	59%, 77%, 69%
CMY	0.4118, 0.2314, 0.3137
CMYK	0.23, 0.00, 0.11, 0.23
HSL	153°, 28%, 68%
HSV	153°, 23%, 77%
XYZ	40.0555, 49.0590, 47.9156
YIQ	179.8520, -20.6750, -16.2830

Conversions

Conversions Part 2

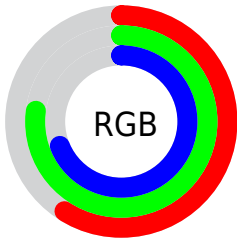
Format	Color
RYB	150, 180, 196
Decimal	9880751
CIELab	75.49, -19.48, 5.61
CIElCh	75, 20.270, 163.926
Yxy	49.0590, 0.2923, 0.3580
Android (android.graphics.Color)	4288070831 (0xFF96C4AF)
YUV	179.8520, -2.3920, -26.1802
Hunter-Lab	70.0421, -20.4936, 8.4694

Details

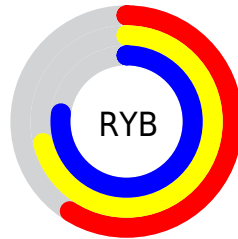
The XYZ color **40.0555, 49.0590, 47.9156** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0237, 36.4901, 43.4114**, and the grayscale version is **43.3245, 45.5808, 49.6374**.

A 20% lighter version of the original color is **74.7259, 88.9992, 88.8414**, and **18.2852, 23.3727, 22.2866** is the 20% darker color. If you saturate the color by 10%, you get **35.8962, 47.0144, 43.2845**, and if you desaturate by 10%, it is **44.8790, 51.4420, 52.8839**.

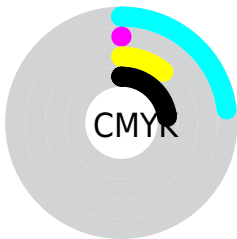
Distribution



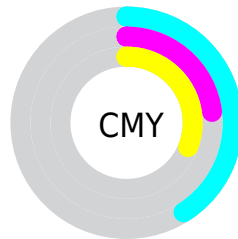
- Red (59%)
- Green (77%)
- Blue (69%)



- Red (59%)
- Yellow (71%)
- Blue (77%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)



- Cyan (41%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0555, 49.0590, 47.9156 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 40.0555, 49.0590, 47.9156 by changing the saturation by 10% instead.

■ 40.0555, 49.0590,
47.9156

■ 40.0555, 49.0590,
47.9156

337.4878,
382.9745, 394.9565

■ 27.7662, 34.6663,
33.4005

■ 74.5318, 88.7791,
88.4430

■ 18.2891, 23.4059,
22.1598

■ 97.4496, 114.8752,
115.2924

■ 11.2587, 14.8935,
13.7750

124.6409,
145.6413, 147.0903

■ 6.3097, 8.7447,
7.8273

156.4711,
181.4617, 184.2552

■ 3.0767, 4.5750,
3.8985

193.3055,
222.7209, 227.2058

■ 1.1945, 2.0001,
1.5698

235.5095,

■ 0.1020, 0.6076,

269.8031, 276.3605

0.2691

283.4485,
323.0929, 332.1379

■ 0.0000, 0.0000,
0.0000

■ 40.0555, 49.0590,
47.9156

■ 40.0555, 49.0590,
47.9156

■ 35.8962, 47.0144,
43.2845

■ 44.8790, 51.4420,
52.8839

■ 32.3661, 45.2861,
38.9801

■ 50.3918, 54.1721,
58.1933

■ 29.4326, 43.8590,
34.9959

■ 56.6223, 57.2653,
63.8515

■ 27.0589, 42.7142,
31.3239

■ 63.5962, 60.7346,
69.8652

■ 25.2036, 41.8303,
27.9557

■ 71.3381, 64.5926,
76.2408

■ 23.8192, 41.1832,
24.8826

■ 75.0809, 66.3816,
82.7603

■ 22.8486, 40.7436,
22.0948

■ 76.3609, 66.8936,
89.5007

■ 22.3693, 40.5330,
20.4218

■ 77.7062, 67.4318,
96.5851

■ 79.0308, 67.9616,
103.5603

Harmonies

Analogous

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



41.8167, 49.0590, 39.9156



40.0555, 49.0590, 47.9156



39.9925, 49.0590, 58.5277

Triad

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



40.0555, 49.0590, 47.9156



48.3811, 49.0590, 76.0009



52.0020, 49.0590, 40.3669

Complementary

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



40.0555, 49.0590, 47.9156



41.0237, 36.4901, 43.4114

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.



53.9621, 49.0590, 48.6127



40.0555, 49.0590, 47.9156



51.7972, 49.0590, 69.6636

Square

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



40.0555, 49.0590, 47.9156



44.6664, 49.0590, 75.7484



53.8852, 49.0590, 59.3240



48.6485, 49.0590, 35.9721

Rectangle

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



40.0555, 49.0590, 47.9156



40.9137, 49.0590, 65.7540



53.8852, 49.0590, 59.3240



52.8535, 49.0590, 42.7284

Sweetspot

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



40.0569, 49.0610, 47.9167



87.5006, 96.2565, 101.8424



42.1431, 50.3944, 36.3609



18.5959, 20.5371, 21.6714



0.0000, 0.0000, 0.0000



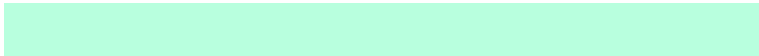
20.3446, 21.4041, 23.3091

Same Dimension

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



40.0569, 49.0610, 47.9167



68.6702, 86.9565, 82.5550



41.9390, 49.2633, 59.5252



10.1682, 11.3483, 11.8892



14.4165, 26.0607, 13.3525



0.6573, 1.1398, 0.7583

Inverse Universe

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



41.0237, 36.4901, 43.4114



70.7178, 60.3431, 73.0203



39.4241, 36.2443, 33.7730



10.2601, 10.1527, 11.4604



15.8416, 8.0264, 7.0779



0.7192, 0.3607, 0.4887

Previews

White Background



This preview shows how the XYZ color 40.0555, 49.0590, 47.9156 looks on a white background.

Color Contrast Check

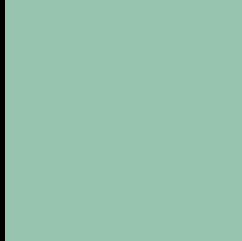
Large Text (above 18pt) WCAG AA × Fail

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 40.0555, 49.0590, 47.9156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

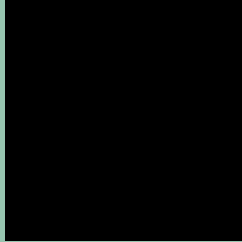
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0555, 49.0590, 47.9156

Background



This preview shows how black text looks on a background with the XYZ color 40.0555, 49.0590, 47.9156.



This preview shows how white text looks on a background with the XYZ color 40.0555, 49.0590,

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

40.0555, 49.0590, 47.9156

Protanopia

46.5027, 48.9000, 44.5238

Deuteranopia

49.6096, 48.5764, 48.8809



Tritanopia

43.6036, 48.8345, 66.1593

Trichromacy



Original Color

40.0555, 49.0590, 47.9156

Protanomaly

43.6797, 48.6826, 45.6226

Deuteranomaly

45.5345, 48.3114, 48.5201

Tritanomaly

42.2467, 48.9501, 58.8514

Monochromacy



Original Color

40.0555, 49.0590, 47.9156

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.9570, 46.7672, 48.9351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0555, 49.0590, 47.9156 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(150, 196, 175)` looks like.

```
.text, #text, p{  
    color:rgb(150, 196, 175)  
}
```

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(150, 196, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 196, 175) }
```

Border

The CSS property to change the border of an element to XYZ 40.0555, 49.0590, 47.9156 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(150, 196, 175) }
```


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

```
.border{ border-color:rgb(150, 196, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 196, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 196, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 196, 175);  
box-shadow:4px 4px 4px 4px rgb(150, 196,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0555, 49.0590, 47.9156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 196, 175) }
```

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

```
.background{ background-color: rgb(150,  
196, 175) }
```

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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