

Converting Colors

XYZ(40.4793, 47.7881, 52.0757)

Have a look what the booklet for
XYZ(40.4793, 47.7881, 52.0757)
contains.

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Color

**XYZ(40.5337, 47.8905,
51.9072)**

Conversions

Conversions Part 1

Format	Color
Hex	99C0B7
RGB	153, 192, 183
RGB Percent	60%, 75%, 72%
CMY	0.4000, 0.2470, 0.2823
CMYK	0.20, 0.00, 0.05, 0.25
HSL	166°, 24%, 68%
HSV	166°, 20%, 75%
XYZ	40.5337, 47.8905, 51.9072
YIQ	179.3130, -20.3550, -11.0670

Conversions

Conversions Part 2

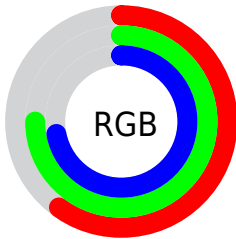
Format	Color
RYB	153, 175, 192
Decimal	10076343
CIELab	74.76, -14.84, 0.24
CIELCh	75, 14.837, 179.082
Yxy	47.8905, 0.2888, 0.3413
Android (android.graphics.Color)	4288266423 (0xFF99C0B7)
YUV	179.3130, 1.8177, -23.0765
Hunter-Lab	69.2030, -16.5538, 3.9703

Details

The XYZ color **40.5337, 47.8905, 51.9072** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.6527, 36.5987, 39.1586**, and the grayscale version is **43.0141, 45.2542, 49.2818**.

A 20% lighter version of the original color is **75.1598, 86.7767, 94.4496**, and **18.4846, 22.5554, 24.4985** is the 20% darker color. If you saturate the color by 10%, you get **36.7436, 45.9904, 49.3604**, and if you desaturate by 10%, it is **44.9242, 50.1010, 54.5600**.

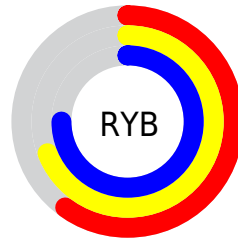
Distribution



Red (60%)

Green (75%)

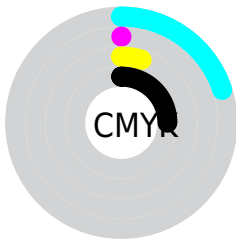
Blue (72%)



Red (60%)

Yellow (69%)

Blue (75%)

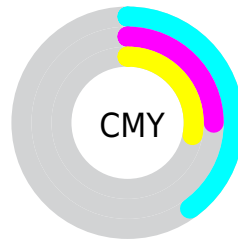


Cyan (20%)

Magenta (0%)

Yellow (5%)

Black (25%)



Cyan (40%)


Magenta (25%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5337, 47.8905, 51.9072 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 40.5337, 47.8905, 51.9072 by changing the saturation by 10% instead.


 40.5337, 47.8905,
51.9072


 40.5337, 47.8905,
51.9072


339.4639,
378.3579, 411.0250

 28.1410, 33.7402,
36.5494


 75.2547, 87.0413,
94.4196

 18.5729, 22.6941,
24.5657


 98.3137, 112.8107,
122.4112

 11.4643, 14.3678,
15.5377


125.6588,
143.2218, 155.4511

 6.4496, 8.3769,
9.0469

157.6555,
178.6591, 193.9580

 3.1636, 4.3371,
4.6745

194.6689,
219.5069, 238.3502

 1.2409, 1.8638,
2.0022

237.0646,

 0.1383, 0.5265,

266.1498, 289.0465

0.5566

285.2078,
318.9720, 346.4652

0.0000, 0.0000,
0.0000

40.5337, 47.8905,
51.9072

40.5337, 47.8905,
51.9072

36.7436, 45.9904,
49.3604

44.9242, 50.1010,
54.5600

33.5218, 44.3803,
46.9143

49.9372, 52.6295,
57.3174

30.8394, 43.0466,
44.5679

55.5985, 55.4904,
60.1824

28.6634, 41.9724,
42.3189

61.9312, 58.6958,
63.1566

26.9569, 41.1386,
40.1650

68.9576, 62.2570,
66.2418

■ 25.6780, 40.5236,
38.1034

■ 71.6727, 63.5940,
69.2044

■ 24.7770, 40.1018,
36.1310

■ 72.2313, 63.8174,
72.1458

■ 24.1710, 39.8293,
34.3004

■ 72.8053, 64.0470,
75.1683

■ 73.3948, 64.2828,
78.2726

Harmonies

Analogous

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



41.2181, 47.8905, 44.8883



40.5337, 47.8905, 51.9072



41.1405, 47.8905, 59.6918

Triad

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



40.5337, 47.8905, 51.9072



48.0826, 47.8905, 66.2118



48.2319, 47.8905, 40.4262

Complementary

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



40.5337, 47.8905, 51.9072



39.6527, 36.5987, 39.1586

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.



50.1966, 47.8905, 45.2620



40.5337, 47.8905, 51.9072



50.1080, 47.8905, 60.1436

Square

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



40.5337, 47.8905, 51.9072



45.4355, 47.8905, 68.4266



50.8961, 47.8905, 52.3827



45.6016, 47.8905, 38.6749

Rectangle

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



40.5337, 47.8905, 51.9072



42.2097, 47.8905, 64.1756



50.8961, 47.8905, 52.3827



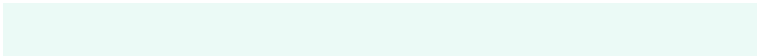
48.9959, 47.8905, 41.7199

Sweetspot

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



40.5351, 47.8925, 51.9083



85.0865, 92.6361, 100.9385



39.5214, 47.6931, 37.2603



18.1277, 19.8099, 21.5845



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.



40.5351, 47.8925, 51.9083



70.5193, 85.3058, 92.1486



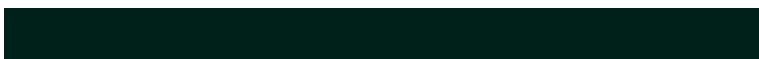
39.2988, 43.8721, 56.2685



10.2659, 11.3874, 12.4033



16.2946, 26.8119, 23.2424



0.7289, 1.1684, 1.1352

Inverse Universe

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



39.6527, 36.5987, 39.1586



68.6568, 61.4480, 65.2229



40.6579, 39.8444, 35.6854



10.1663, 10.1151, 10.9664



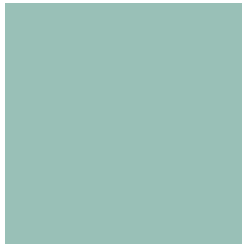
14.9627, 7.6748, 2.4498



0.6739, 0.3426, 0.2503

Previews

White Background



This preview shows how the XYZ color 40.5337, 47.8905, 51.9072 looks on a white background.

Color Contrast Check

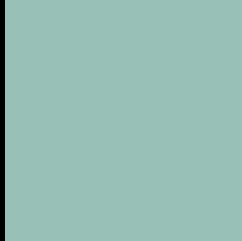
Large Text (above 18pt) WCAG AA × Fail

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 40.5337, 47.8905, 51.9072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

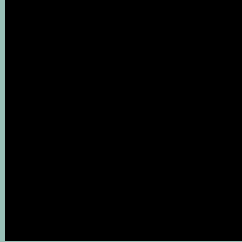
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5337, 47.8905, 51.9072

Background



This preview shows how black text looks on a background with the XYZ color 40.5337, 47.8905, 51.9072.



This preview shows how white text looks on a background with the XYZ color 40.5337, 47.8905,

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

40.5337, 47.8905, 51.9072

Protanopia

45.7084, 47.7727, 48.9314

Deuteranopia

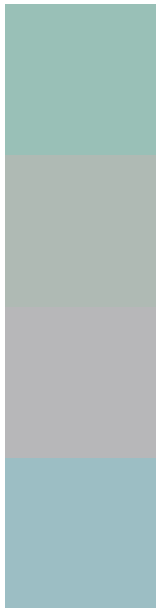
48.6027, 47.6653, 53.0931



Tritanopia

43.0013, 47.9229, 64.1104

Trichromacy



Original Color

40.5337, 47.8905, 51.9072

Protanomaly

43.4763, 47.5271, 50.0622

Deuteranomaly

45.2189, 47.4370, 52.6719

Tritanomaly

42.0876, 47.8804, 59.2481

Monochromacy



Original Color

40.5337, 47.8905, 51.9072

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.9563, 46.1223, 49.8712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5337, 47.8905, 51.9072 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(153, 192, 183)` looks like.

```
.text, #text, p{  
    color:rgb(153, 192, 183)  
}
```

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(153, 192, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 192, 183) }
```

Border

The CSS property to change the border of an element to XYZ 40.5337, 47.8905, 51.9072 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(153, 192, 183) }
```


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

```
.border{ border-color:rgb(153, 192, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 192, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 192, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 192, 183);  
box-shadow:4px 4px 4px 4px rgb(153, 192,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5337, 47.8905, 51.9072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 192, 183) }
```

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

```
.background{ background-color: rgb(153,  
192, 183) }
```

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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