

Converting Colors

XYZ(37.4059, 43.3611, 50.3664)

Have a look what the booklet for
XYZ(37.4059, 43.3611, 50.3664)
contains.

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Color

**XYZ(37.4867, 43.4991,
50.1365)**

Conversions

Conversions Part 1

Format	Color
Hex	94B7B5
RGB	148, 183, 181
RGB Percent	58%, 72%, 71%
CMY	0.4196, 0.2823, 0.2902
CMYK	0.19, 0.00, 0.01, 0.28
HSL	177°, 20%, 65%
HSV	177°, 19%, 72%
XYZ	37.4867, 43.4991, 50.1365
YIQ	172.3070, -20.2180, -8.0420

Conversions

Conversions Part 2

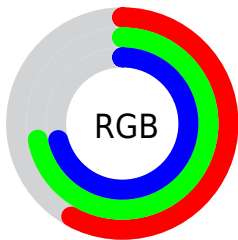
Format	Color
RYB	148, 166, 183
Decimal	9746357
CIELab	71.89, -12.17, -2.90
CIELCh	72, 12.511, 193.411
Yxy	43.4991, 0.2859, 0.3317
Android (android.graphics.Color)	4287936437 (0xFF94B7B5)
YUV	172.3070, 4.2856, -21.3172
Hunter-Lab	65.9538, -13.9638, 1.0969

Details

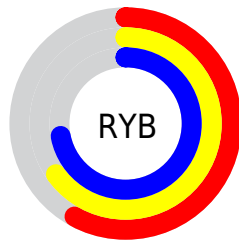
The XYZ color **37.4867, 43.4991, 50.1365** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.6249, 33.4502, 33.4348**, and the grayscale version is **39.3555, 41.4050, 45.0901**.

A 20% lighter version of the original color is **70.7812, 80.5439, 91.9367**, and **16.8087, 20.0652, 23.4091** is the 20% darker color. If you saturate the color by 10%, you get **34.3280, 41.8842, 49.4308**, and if you desaturate by 10%, it is **41.1721, 45.3877, 50.8729**.

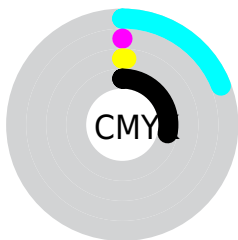
Distribution



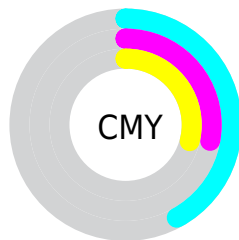
- Red (58%)
- Green (72%)
- Blue (71%)



- Red (58%)
- Yellow (65%)
- Blue (72%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)





- Cyan (42%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4867, 43.4991, 50.1365 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 37.4867, 43.4991, 50.1365 by changing the saturation by 10% instead.


 37.4867, 43.4991,
50.1365


 37.4867, 43.4991,
50.1365


326.7320,
360.6603, 403.9499

 25.7599, 30.2769,
35.1499

 70.6297, 80.4635,
91.7755

 16.7759, 20.0489,
23.4939


 92.7766, 104.9745,
119.2650

 10.1691, 12.4306,
14.7499


119.1277,
134.0172, 151.7592

 5.5744, 7.0376,
8.4994

150.0482,
167.9760, 189.6766

 2.6262, 3.4856,
4.3238

185.9035,
207.2353, 233.4359

 0.9593, 1.3902,
1.8046

227.0590,

 0.0000, 0.2095,

252.1795, 283.4555

0.4310

273.8800,
303.1931, 340.1540

■ 0.0000, 0.0000,
0.0000

■ 37.4867, 43.4991,
50.1365

■ 37.4867, 43.4991,
50.1365

■ 34.3280, 41.8842,
49.4308

■ 41.1721, 45.3877,
50.8729

■ 31.6677, 40.5251,
48.7518

■ 45.4033, 47.5564,
51.6381

■ 29.4805, 39.4097,
48.0990

■ 50.2031, 50.0181,
52.4342

■ 27.7375, 38.5233,
47.4713

■ 55.5920, 52.7834,
53.2620

■ 26.4066, 37.8492,
46.8670

■ 61.5892, 55.8623,
54.1226

■ 25.4513, 37.3686,
46.2845

■ 67.1743, 58.7286,
54.9682

■ 24.8288, 37.0595,
45.7217

■ 67.2871, 58.7737,
55.5620

■ 24.4609, 36.8815,
45.1750

■ 67.4006, 58.8191,
56.1600

■ 24.4321, 36.8677,
45.1276

■ 67.5150, 58.8649,
56.7624

Harmonies

Analogous

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



37.5418, 43.4991, 44.0922



37.4867, 43.4991, 50.1365



38.4397, 43.4991, 55.8913

Triad

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



37.4867, 43.4991, 50.1365



44.2240, 43.4991, 56.4065



42.5251, 43.4991, 36.9863

Complementary

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



37.4867, 43.4991, 50.1365



35.6249, 33.4502, 33.4348

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.



44.3922, 43.4991, 39.7498



37.4867, 43.4991, 50.1365



45.3959, 43.4991, 50.7920

Square

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



37.4867, 43.4991, 50.1365



42.3020, 43.4991, 59.7155



45.4585, 43.4991, 44.6940



40.4018, 43.4991, 36.8437

Rectangle

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



37.4867, 43.4991, 50.1365



39.5382, 43.4991, 58.6473



45.4585, 43.4991, 44.6940



43.2052, 43.4991, 37.6280

Sweetspot

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



37.4880, 43.5009, 50.1375



75.9239, 82.4064, 91.5174



34.9191, 42.5226, 34.3849



16.6641, 18.1472, 20.1940



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.4880, 43.5009, 50.1375



64.6179, 76.6164, 89.2468



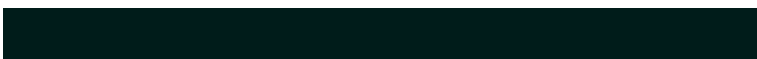
34.7331, 37.6599, 50.2404



9.2439, 10.2015, 11.4417



17.0522, 25.7218, 31.5263



0.6079, 0.9095, 1.1471

Inverse Universe

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



35.6249, 33.4502, 33.4348



60.6612, 55.2683, 53.7725



38.0021, 38.4605, 33.4383



9.0249, 9.0203, 9.4785



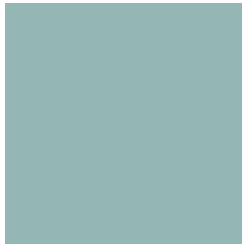
13.6721, 7.0426, 0.8943



0.4890, 0.2511, 0.0688

Previews

White Background



This preview shows how the XYZ color 37.4867, 43.4991, 50.1365 looks on a white background.

Color Contrast Check

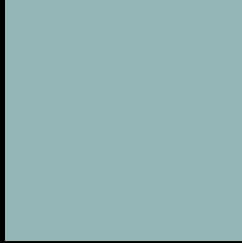
Large Text (above 18pt) WCAG AA × Fail

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 37.4867, 43.4991, 50.1365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

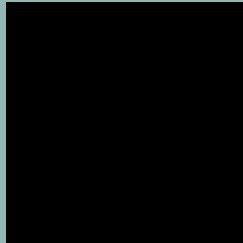
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4867, 43.4991, 50.1365

Background



This preview shows how black text looks on a background with the XYZ color 37.4867, 43.4991, 50.1365.

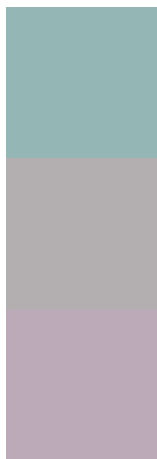


This preview shows how white text looks on a background with the XYZ color 37.4867, 43.4991,

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

37.4867, 43.4991, 50.1365

Protanopia

41.7569, 43.3782, 47.2463

Deuteranopia

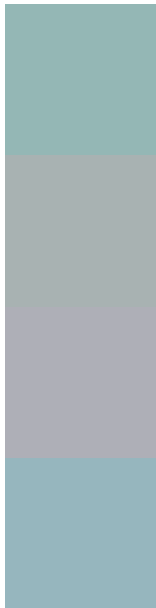
44.0127, 43.0290, 51.3331



Tritanopia

39.1367, 43.5672, 57.9763

Trichromacy



Original Color

37.4867, 43.4991, 50.1365

Protanomaly

40.1047, 43.3800, 48.3789

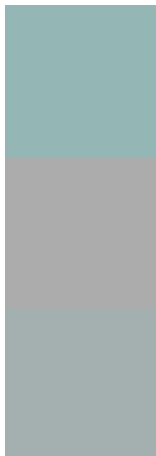
Deuteranomaly

41.3328, 43.0775, 50.9361

Tritanomaly

38.5999, 43.6576, 55.1075

Monochromacy



Original Color

37.4867, 43.4991, 50.1365

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.3675, 41.9323, 46.6290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4867, 43.4991, 50.1365 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(148, 183, 181)` looks like.

```
.text, #text, p{  
    color:rgb(148, 183, 181)  
}
```

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(148, 183, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 183, 181) }
```

Border

The CSS property to change the border of an element to XYZ 37.4867, 43.4991, 50.1365 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(148, 183, 181) }
```


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

```
.border{ border-color:rgb(148, 183, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 183, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 183, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 183, 181);  
box-shadow:4px 4px 4px 4px rgb(148, 183,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4867, 43.4991, 50.1365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 183, 181) }
```

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

```
.background{ background-color: rgb(148,  
183, 181) }
```

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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