

Converting Colors

XYZ(43.4397, 51.4549, 49.2373)

Have a look what the booklet for
XYZ(43.4397, 51.4549, 49.2373)
contains.

XYZ(43.4397, 51.4550, 49.2373)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.4397, 51.4550,
49.2373)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C6B1
RGB	164, 198, 177
RGB Percent	64%, 78%, 69%
CMY	0.3569, 0.2235, 0.3059
CMYK	0.17, 0.00, 0.11, 0.22
HSL	143°, 23%, 71%
HSV	143°, 17%, 78%
XYZ	43.4397, 51.4550, 49.2373
YIQ	185.4400, -13.5230, -13.7390

Conversions

Conversions Part 2

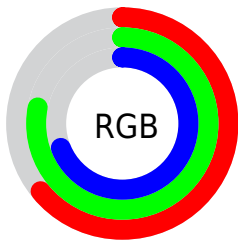
Format	Color
RYB	164, 189, 198
Decimal	10798769
CIELab	76.95, -15.52, 6.75
CIELCh	77, 16.928, 156.487
Yxy	51.4550, 0.3014, 0.3570
Android (android.graphics.Color)	4288988849 (0xFFA4C6B1)
YUV	185.4400, -4.1609, -18.8029
Hunter-Lab	71.7321, -17.4348, 9.5155

Details

The XYZ color **43.4397, 51.4550, 49.2373** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.3229, 42.0606, 51.6308**, and the grayscale version is **46.3882, 48.8040, 53.1475**.

A 20% lighter version of the original color is **79.6814, 92.4633, 90.7383**, and **20.2934, 24.8465, 22.7951** is the 20% darker color. If you saturate the color by 10%, you get **38.5025, 49.0458, 42.9258**, and if you desaturate by 10%, it is **49.1252, 54.2402, 56.1563**.

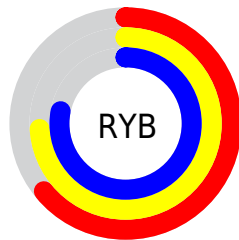
Distribution



Red (64%)

Green (78%)

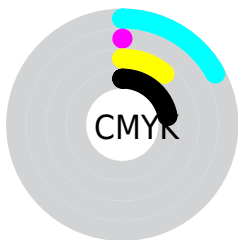
Blue (69%)



Red (64%)

Yellow (74%)

Blue (78%)

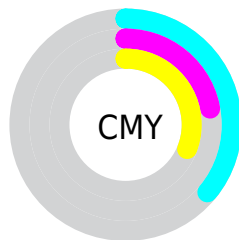


Cyan (17%)

Magenta (0%)

Yellow (11%)

Black (22%)



Cyan (36%)


Magenta (22%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4397, 51.4550, 49.2373 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 43.4397, 51.4550, 49.2373 by changing the saturation by 10% instead.


 43.4397, 51.4550,
49.2373


 43.4397, 51.4550,
49.2373


351.3079,
392.3290, 400.3251

 30.4263, 36.5708,
34.4408

 79.6255, 92.3270,
90.4284

 20.3120, 24.8754,
22.9524


 103.5287,
119.0836, 117.6602

 12.7317, 15.9842,
14.3534


131.7924,
150.5665, 149.8741

 7.3197, 9.5130,
8.2253

164.7822,
187.1601, 187.4887

 3.7110, 5.0773,
4.1496

202.8632,
229.2487, 230.9226

 1.5399, 2.2927,
1.7078

246.4009,

 0.3528, 0.7698,

277.2168, 280.5942

0.3661

295.7607,
331.4488, 336.9222

■ 0.0000, 0.0000,
0.0000

■ 43.4397, 51.4550,
49.2373

■ 43.4397, 51.4550,
49.2373

■ 38.5025, 49.0458,
42.9258

■ 49.1252, 54.2402,
56.1563

■ 34.2772, 46.9899,
37.2021

■ 55.5850, 57.4102,
63.6952

■ 30.7305, 45.2719,
32.0501

■ 62.8489, 60.9814,
71.8704

■ 27.8248, 43.8727,
27.4518

■ 70.9441, 64.9677,
80.6963

■ 25.5187, 42.7714,
23.3883

■ 76.8901, 67.8321,
90.0466

■ 23.7655, 41.9443,
19.8394

■ 78.7504, 68.5763,
99.8431

■ 22.5111, 41.3640,
16.7837

■ 79.4851, 68.8701,
103.7117

■ 21.6823, 40.9931,
14.1975

■ 21.4893, 40.9078,
13.5469

Harmonies

Analogous

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



45.3122, 51.4550, 42.9303



43.4397, 51.4550, 49.2373



43.0023, 51.4550, 58.0554

Triad

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



43.4397, 51.4550, 49.2373



49.6101, 51.4550, 75.5809



54.0614, 51.4550, 46.1184

Complementary

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



43.4397, 51.4550, 49.2373



45.3229, 42.0606, 51.6308

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.



55.3277, 51.4550, 54.0440



43.4397, 51.4550, 49.2373



52.6858, 51.4550, 71.5454

Square

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



43.4397, 51.4550, 49.2373



46.4748, 51.4550, 73.9321



54.8136, 51.4550, 63.4111



51.4214, 51.4550, 41.2727

Rectangle

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



43.4397, 51.4550, 49.2373



43.5654, 51.4550, 64.3222



54.8136, 51.4550, 63.4111



54.6670, 51.4550, 48.4752

Sweetspot

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



43.4411, 51.4572, 49.2384



89.2716, 97.1646, 102.1462



47.0333, 53.4517, 42.9608



18.9401, 20.7150, 21.6652



0.0000, 0.0000, 0.0000



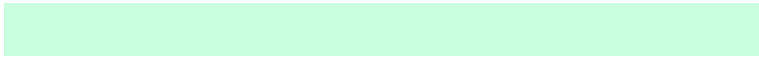
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4411, 51.4572, 49.2384



73.1432, 89.2698, 82.4294



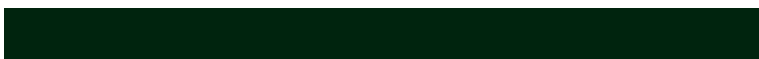
45.1834, 52.1541, 58.4131



10.6625, 11.9539, 12.1728



14.0132, 26.6176, 9.0138



0.6987, 1.2744, 0.6123

Inverse Universe

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



45.3229, 42.0606, 51.6308



77.1587, 69.2142, 87.5318



43.6833, 41.4048, 42.9972



10.9046, 10.7452, 12.4808



17.4846, 8.7434, 13.0277



0.8624, 0.4278, 0.7987

Previews

White Background



This preview shows how the XYZ color 43.4397, 51.4550, 49.2373 looks on a white background.

Color Contrast Check

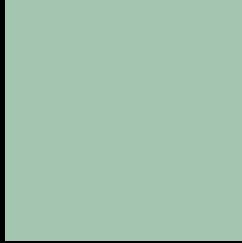
Large Text (above 18pt) WCAG AA × Fail

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 43.4397, 51.4550, 49.2373 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 43.4397, 51.4550, 49.2373

Background



This preview shows how black text looks on a background with the XYZ color 43.4397, 51.4550, 49.2373.



This preview shows how white text looks on a background with the XYZ color 43.4397, 51.4550,

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

43.4397, 51.4550, 49.2373

Protanopia

48.6699, 51.2441, 46.3556

Deuteranopia

52.0357, 51.0111, 50.2836



Tritanopia

47.1562, 51.2894, 67.7361

Trichromacy



Original Color

43.4397, 51.4550, 49.2373

Protanomaly

46.4972, 51.0696, 47.4511

Deuteranomaly

48.3680, 50.6904, 49.8828

Tritanomaly

45.7416, 51.3863, 60.3310

Monochromacy



Original Color

43.4397, 51.4550, 49.2373

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.9884, 49.5514, 51.4492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4397, 51.4550, 49.2373 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(164, 198, 177)` looks like.

```
.text, #text, p{  
    color:rgb(164, 198, 177)  
}
```

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(164, 198, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 198, 177) }
```

Border

The CSS property to change the border of an element to XYZ 43.4397, 51.4550, 49.2373 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(164, 198, 177) }
```


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

```
.border{ border-color:rgb(164, 198, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 198, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 198, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 198, 177);  
box-shadow:4px 4px 4px 4px rgb(164, 198,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4397, 51.4550, 49.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 198, 177) }
```

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

```
.background{ background-color: rgb(164,  
198, 177) }
```

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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