

Converting Colors

XYZ(43.4311, 49.9400, 64.6039)

Have a look what the booklet for
XYZ(43.4311, 49.9400, 64.6039)
contains.

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Color

**XYZ(43.5511, 50.1622,
64.5136)**

Conversions

Conversions Part 1

Format	Color
Hex	99C3CC
RGB	153, 195, 204
RGB Percent	60%, 76%, 80%
CMY	0.4000, 0.2353, 0.2000
CMYK	0.25, 0.04, 0.00, 0.20
HSL	191°, 33%, 70%
HSV	191°, 25%, 80%
XYZ	43.5511, 50.1622, 64.5136
YIQ	183.4680, -27.9210, -6.1050

Conversions

Conversions Part 2

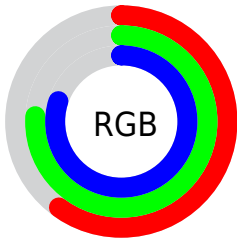
Format	Color
R _{YB}	153, 176, 204
Decimal	10077132
CIE Lab	76.17, -11.81, -9.07
CIE LCh	76, 14.890, 217.524
Yxy	50.1622, 0.2752, 0.3170
Android (android.graphics.Color)	4288267212 (0xFF99C3CC)
YUV	183.4680, 10.1223, -26.7204
Hunter-Lab	70.8253, -14.1830, -4.4286

Details

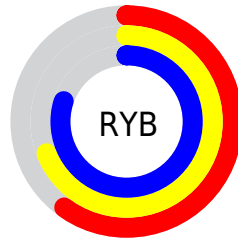
The XYZ color **43.5511, 50.1622, 64.5136** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.5725, 40.9782, 35.7512**, and the grayscale version is **45.2251, 47.5803, 51.8149**.

A 20% lighter version of the original color is **78.8728, 90.2507, 107.8708**, and **20.2854, 23.9611, 32.4100** is the 20% darker color. If you saturate the color by 10%, you get **39.2287, 46.7524, 64.0841**, and if you desaturate by 10%, it is **48.5542, 53.9543, 64.9827**.

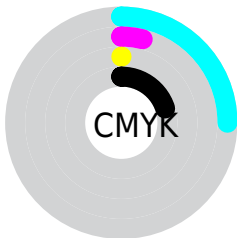
Distribution



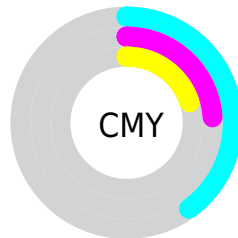
- Red (60%)
- Green (76%)
- Blue (80%)



- Red (60%)
- Yellow (69%)
- Blue (80%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5511, 50.1622, 64.5136 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 43.5511, 50.1622, 64.5136 by changing the saturation by 10% instead.

■ 43.5511, 50.1622,
64.5136

■ 43.5511, 50.1622,
64.5136

351.7565,
387.2999, 459.3003

■ 30.5141, 35.5423,
46.6179

■ 79.7924, 90.4152,
112.9568

■ 20.3792, 24.0809,
32.3815

■ 103.7274,
116.8170, 144.3415

■ 12.7808, 15.3937,
21.3859

132.0258,
147.9149, 181.0596

■ 7.3538, 9.0961,
13.2124

165.0530,
184.0934, 223.5297

■ 3.7326, 4.8039,
7.4425

203.1743,
225.7367, 272.1702

■ 1.5520, 2.1327,
3.6577

246.7551,

■ 0.3608, 0.6829,

273.2293, 327.3998

1.4395

296.1607,
326.9556, 389.6370

■ 0.0000, 0.0000,
0.1723

■ 0.0000, 0.0000,
0.0000

■ 43.5511, 50.1622,
64.5136

■ 43.5511, 50.1622,
64.5136

■ 39.2287, 46.7524,
64.0841

■ 48.5542, 53.9543,
64.9827

■ 35.5489, 43.7013,
63.6891

■ 54.2648, 58.1389,
65.4894

■ 32.4766, 40.9918,
63.3281

■ 60.7135, 62.7333,
66.0363

■ 29.9716, 38.6030,
62.9990

■ 67.9281, 67.7519,
66.6248

■ 27.9884, 36.5113,
62.6998

■ 75.9333, 73.2078,
67.2559

■ 26.4746, 34.6893,
62.4279

■ 76.8487, 75.0385,
67.5611

■ 25.3662, 33.1040,
62.1803

■ 77.7843, 76.9097,
67.8729

■ 24.9038, 32.3689,
62.0628

■ 78.7402, 78.8216,
68.1916

■ 79.7166, 80.7744,
68.5171

Harmonies

Analogous

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



42.5580, 50.1622, 56.6533



43.5511, 50.1622, 64.5136



45.6575, 50.1622, 70.0689

Triad

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



43.5511, 50.1622, 64.5136



52.8049, 50.1622, 60.7003



46.9791, 50.1622, 40.7673

Complementary

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



43.5511, 50.1622, 64.5136



43.5725, 40.9782, 35.7512

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.



49.7566, 50.1622, 41.6240



43.5511, 50.1622, 64.5136



53.1923, 50.1622, 52.6322

Square

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



43.5511, 50.1622, 64.5136



51.0181, 50.1622, 67.7219



52.0570, 50.1622, 45.7901



44.4863, 50.1622, 43.3240

Rectangle

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



43.5511, 50.1622, 64.5136



47.4465, 50.1622, 71.4377



52.0570, 50.1622, 45.7901



47.9096, 50.1622, 40.6703

Sweetspot

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



43.5526, 50.1642, 64.5147



87.7887, 94.7775, 108.2747



41.2080, 52.5499, 41.9222



18.6625, 20.1933, 23.1640



0.0000, 0.0000, 0.0000



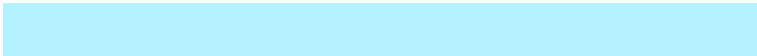
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5526, 50.1642, 64.5147



68.1296, 79.9534, 106.4495



38.4117, 39.8825, 62.8011



11.3684, 12.3772, 14.3602



15.7359, 20.4957, 39.0830



0.8571, 1.1480, 2.0313

Inverse Universe

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



46.1446, 39.5612, 56.8361



73.2126, 59.6811, 91.2749



48.4229, 50.6789, 37.3680



11.5993, 11.3685, 13.6905



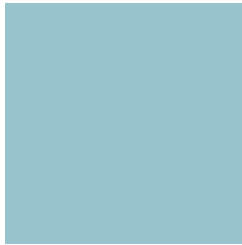
20.1536, 9.8720, 24.3255



1.0626, 0.5184, 1.3753

Previews

White Background



This preview shows how the XYZ color 43.5511, 50.1622, 64.5136 looks on a white background.

Color Contrast Check

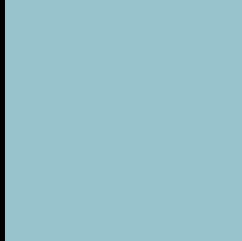
Large Text (above 18pt) WCAG AA × Fail

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 43.5511, 50.1622, 64.5136 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

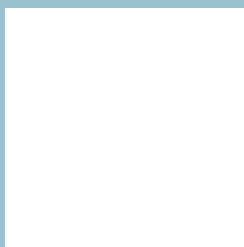
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5511, 50.1622, 64.5136

Background



This preview shows how black text looks on a background with the XYZ color 43.5511, 50.1622, 64.5136.



This preview shows how white text looks on a background with the XYZ color 43.5511, 50.1622,

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

43.5511, 50.1622, 64.5136

Protanopia

48.3612, 49.8061, 61.0975

Deuteranopia

51.0164, 49.8312, 65.9610



Tritanopia

44.2511, 50.1067, 68.3121

Trichromacy



Original Color

43.5511, 50.1622, 64.5136

Protanomaly

46.4194, 49.7262, 62.4099

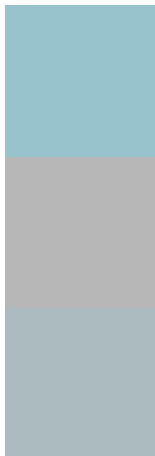
Deuteranomaly

47.9670, 49.8206, 65.4807

Tritanomaly

44.0034, 50.0077, 67.0077

Monochromacy



Original Color

43.5511, 50.1622, 64.5136

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.1876, 48.0729, 56.2403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5511, 50.1622, 64.5136 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, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(153, 195, 204)  
}
```

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, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 195, 204) }
```

Border

The CSS property to change the border of an element to XYZ 43.5511, 50.1622, 64.5136 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, 195, 204) }
```


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

```
.border{ border-color:rgb(153, 195, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 195, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 195, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 195, 204);  
box-shadow:4px 4px 4px 4px rgb(153, 195,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5511, 50.1622, 64.5136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 195, 204) }
```

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

```
.background{ background-color: rgb(153,  
195, 204) }
```

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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