

Converting Colors

XYZ(43.4992, 49.0783, 67.5054)

Have a look what the booklet for
XYZ(43.4992, 49.0783, 67.5054)
contains.

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Color

**XYZ(43.4951, 49.0750,
67.5016)**

Conversions

Conversions Part 1

Format	Color
Hex	99C0D1
RGB	153, 192, 209
RGB Percent	60%, 75%, 82%
CMY	0.4000, 0.2470, 0.1804
CMYK	0.27, 0.08, 0.00, 0.18
HSL	198°, 38%, 71%
HSV	198°, 27%, 82%
XYZ	43.4951, 49.0750, 67.5016
YIQ	182.2770, -28.7010, -2.9810

Conversions

Conversions Part 2

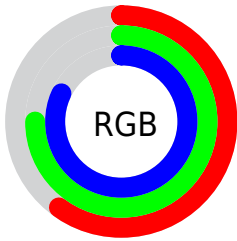
Format	Color
RYB	153, 176, 209
Decimal	10076369
CIELab	75.50, -9.08, -12.78
CIELCh	75, 15.679, 234.597
Yxy	49.0750, 0.2717, 0.3066
Android (android.graphics.Color)	4288266449 (0xFF99C0D1)
YUV	182.2770, 13.1744, -25.6759
Hunter-Lab	70.0536, -11.7660, -8.0927

Details

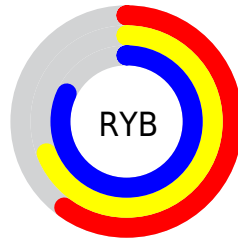
The XYZ color **43.4951, 49.0750, 67.5016** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.4196, 44.6050, 36.3011**, and the grayscale version is **44.5571, 46.8776, 51.0497**.

A 20% lighter version of the original color is **77.6298, 87.7647, 107.4565**, and **20.4045, 23.5411, 34.4788** is the 20% darker color. If you saturate the color by 10%, you get **38.5278, 44.4919, 66.8796**, and if you desaturate by 10%, it is **49.2163, 54.1383, 68.1782**.

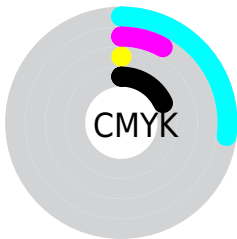
Distribution



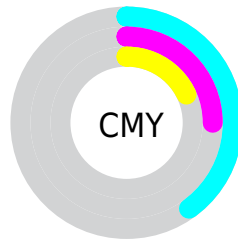
- Red (60%)
- Green (75%)
- Blue (82%)



- Red (60%)
- Yellow (69%)
- Blue (82%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4951, 49.0750, 67.5016 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 43.4951, 49.0750, 67.5016 by changing the saturation by 10% instead.

■ 43.4951, 49.0750,
67.5016

■ 43.4951, 49.0750,
67.5016

351.5310,
383.0375, 470.2782

■ 30.4700, 34.6790,
49.0282

■ 79.7085, 88.8028,
117.2863

■ 20.3454, 23.4157,
34.2761

■ 103.6275,
114.9034, 149.4347

■ 12.7561, 14.9008,
22.8267

131.9085,
145.6744, 186.9786

■ 7.3367, 8.7498,
14.2615

164.9169,
181.5000, 230.3364

■ 3.7217, 4.5783,
8.1620

203.0180,
222.7647, 279.9267

■ 1.5459, 2.0020,
4.1095

246.5771,

■ 0.3568, 0.6087,

269.8530, 336.1681

1.6856

295.9597,
323.1491, 399.4791

■ 0.0000, 0.0000,
0.3508

■ 0.0000, 0.0000,
0.0000

■ 43.4951, 49.0750,
67.5016

■ 43.4951, 49.0750,
67.5016

■ 38.5278, 44.4919,
66.8796

■ 49.2163, 54.1383,
68.1782

■ 34.2733, 40.3631,
66.3069

■ 55.7211, 59.6946,
68.9078

■ 30.6929, 36.6688,
65.7825

■ 63.0431, 65.7634,
69.6933

■ 27.7423, 33.3848,
65.3042

■ 71.2122, 72.3613,
70.5363

■ 25.3716, 30.4844,
64.8693

■ 79.3301, 79.0262,
71.3949

■ 23.5226, 27.9363,
64.4749

■ 81.0643, 82.4945,
71.9729

■ 22.1194, 25.7001,
64.1172

■ 82.8627, 86.0914,
72.5724

■ 21.7203, 25.0265,
64.0083

■ 84.7261, 89.8182,
73.1935

■ 86.6551, 93.6761,
73.8365

Harmonies

Analogous

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



41.7666, 49.0750, 60.3443



43.4951, 49.0750, 67.5016



46.1225, 49.0750, 70.9175

Triad

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



43.4951, 49.0750, 67.5016



52.4049, 49.0750, 54.9485



44.3668, 49.0750, 40.2172

Complementary

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



43.4951, 49.0750, 67.5016



46.4196, 44.6050, 36.3011

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.



47.1701, 49.0750, 39.0902



43.4951, 49.0750, 67.5016



51.8878, 49.0750, 47.0731

Square

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



43.4951, 49.0750, 67.5016



51.3274, 49.0750, 63.2061



49.9420, 49.0750, 41.4713



42.2551, 49.0750, 44.7255

Rectangle

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



43.4951, 49.0750, 67.5016



48.0605, 49.0750, 70.3832



49.9420, 49.0750, 41.4713



45.2562, 49.0750, 39.4514

Sweetspot

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



43.4966, 49.0770, 67.5027



85.9954, 92.4468, 107.9193



43.1751, 55.2689, 46.3246



18.0622, 19.4960, 23.0611



0.0000, 0.0000, 0.0000



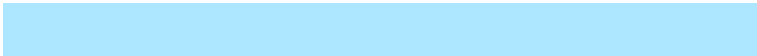
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4966, 49.0770, 67.5027



63.7335, 72.8725, 105.3144



37.9578, 37.9994, 65.6565



11.8429, 12.7761, 15.0855



13.4823, 15.6111, 39.4951



0.8219, 1.0091, 2.2310

Inverse Universe

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



47.2013, 40.1447, 55.1323



70.5759, 57.0270, 82.3211



52.1936, 56.1530, 38.2258



12.1516, 11.9454, 14.0741



19.4360, 9.6472, 17.7337



1.1211, 0.5532, 1.1726

Previews

White Background



This preview shows how the XYZ color 43.4951, 49.0750, 67.5016 looks on a white background.

Color Contrast Check

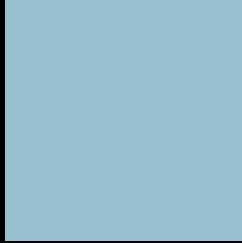
Large Text (above 18pt) WCAG AA × Fail

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 43.4951, 49.0750, 67.5016 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 43.4951, 49.0750, 67.5016

Background



This preview shows how black text looks on a background with the XYZ color 43.4951, 49.0750, 67.5016.



This preview shows how white text looks on a background with the XYZ color 43.4951, 49.0750,

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

43.4951, 49.0750, 67.5016

Protanopia

47.5680, 48.7079, 64.0212

Deuteranopia

49.7676, 48.8273, 68.4296



Tritanopia

43.3717, 49.0256, 66.8515

Trichromacy



Original Color

43.4951, 49.0750, 67.5016

Protanomaly

45.9242, 48.7675, 65.3851

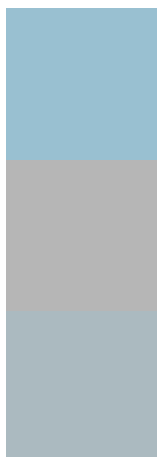
Deuteranomaly

47.1133, 48.6982, 67.8893

Tritanomaly

43.3717, 49.0256, 66.8515

Monochromacy



Original Color

43.4951, 49.0750, 67.5016

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.8679, 47.5815, 56.7412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4951, 49.0750, 67.5016 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(153, 192, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 192, 209) }
```

Border

The CSS property to change the border of an element to XYZ 43.4951, 49.0750, 67.5016 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, 209) }
```


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

```
.border{ border-color:rgb(153, 192, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 192, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 192, 209);  
box-shadow:4px 4px 4px 4px rgb(153, 192,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4951, 49.0750, 67.5016 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, 209) }
```

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

```
.background{ background-color: rgb(153,  
192, 209) }
```

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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