

Converting Colors

XYZ(43.4253, 54.2458, 49.2560)

Have a look what the booklet for
XYZ(43.4253, 54.2458, 49.2560)
contains.

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Color

**XYZ(43.4253, 54.2458,
49.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	9BCEB0
RGB	155, 206, 176
RGB Percent	61%, 81%, 69%
CMY	0.3922, 0.1921, 0.3098
CMYK	0.25, 0.00, 0.15, 0.19
HSL	145°, 34%, 71%
HSV	145°, 25%, 81%
XYZ	43.4253, 54.2458, 49.2560
YIQ	187.3310, -20.7660, -20.1420

Conversions

Conversions Part 2

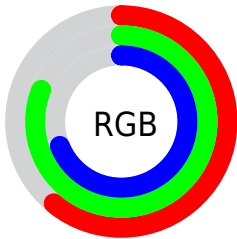
Format	Color
RYB	155, 191, 206
Decimal	10210992
CIELab	78.60, -22.68, 9.58
CIELCh	79, 24.622, 157.101
Yxy	54.2458, 0.2956, 0.3692
Android (android.graphics.Color)	4288401072 (0xFF9BCEB0)
YUV	187.3310, -5.5862, -28.3543
Hunter-Lab	73.6517, -23.6464, 11.9049

Details

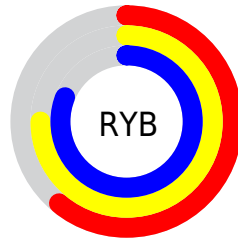
The XYZ color **43.4253, 54.2458, 49.2560** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.9337, 40.0685, 51.2141**, and the grayscale version is **47.4611, 49.9328, 54.3768**.

A 20% lighter version of the original color is **76.9038, 91.0478, 89.8647**, and **20.3969, 26.7701, 22.8310** is the 20% darker color. If you saturate the color by 10%, you get **38.6582, 51.9222, 43.0512**, and if you desaturate by 10%, it is **48.9769, 56.9645, 56.0586**.

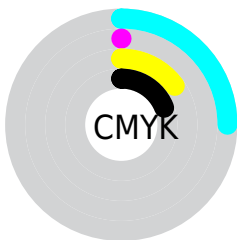
Distribution



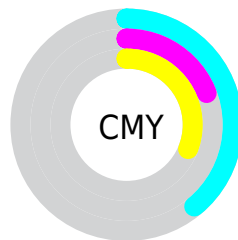
- Red (61%)
- Green (81%)
- Blue (69%)



- Red (61%)
- Yellow (75%)
- Blue (81%)



- Cyan (25%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)




- Cyan (39%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4253, 54.2458, 49.2560 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 43.4253, 54.2458, 49.2560 by changing the saturation by 10% instead.


 43.4253, 54.2458,
49.2560


 43.4253, 54.2458,
49.2560


351.2498,
403.0466, 400.4007

 30.4149, 38.7982,
34.4556


 79.6040, 96.4351,
90.4565

 20.3034, 26.6028,
22.9636


 103.5030,
123.9455, 117.6936

 12.7253, 17.2751,
14.3616


131.7623,
156.2457, 149.9133

 7.3154, 10.4308,
8.2310

164.7471,
193.7200, 187.5343

 3.7082, 5.6855,
4.1532

202.8230,
236.7529, 230.9749

 1.5384, 2.6548,
1.7098

246.3551,

 0.3517, 0.9543,

285.7287, 280.6539

0.3674

295.7090,
341.0318, 336.9896

■ 0.0000, 0.0000,
0.0000

■ 43.4253, 54.2458,
49.2560

■ 43.4253, 54.2458,
49.2560

■ 38.6582, 51.9222,
43.0512

■ 48.9769, 56.9645,
56.0586

■ 34.6341, 49.9681,
37.4244

■ 55.3431, 60.0889,
63.4710

■ 31.3144, 48.3654,
32.3596

■ 62.5576, 63.6377,
71.5095

■ 28.6551, 47.0917,
27.8391

■ 70.6511, 67.6263,
80.1885

■ 26.6067, 46.1220,
23.8438

■ 78.5390, 71.4954,
89.4698

■ 25.1124, 45.4274,
20.3538

■ 80.3662, 72.2263,
99.0918

■ 24.1036, 44.9728,
17.3471

■ 81.3624, 72.6247,
104.3375

■ 23.7050, 44.7978,
15.9547

Harmonies

Analogous

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



46.1280, 54.2458, 40.1966



43.4253, 54.2458, 49.2560



42.8354, 54.2458, 62.4328

Triad

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



43.4253, 54.2458, 49.2560



52.7221, 54.2458, 89.7810



59.3724, 54.2458, 44.3546

Complementary

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



43.4253, 54.2458, 49.2560



45.9337, 40.0685, 51.2141

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.



61.3932, 54.2458, 55.8195



43.4253, 54.2458, 49.2560



57.4004, 54.2458, 83.0690

Square

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



43.4253, 54.2458, 49.2560



48.0096, 54.2458, 87.2889



60.6498, 54.2458, 70.0956



55.2792, 54.2458, 37.6925

Rectangle

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



43.4253, 54.2458, 49.2560



43.6839, 54.2458, 72.1064



60.6498, 54.2458, 70.0956



60.3279, 54.2458, 47.6983

Sweetspot

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



43.4268, 54.2481, 49.2572



87.1403, 96.1124, 99.9451



48.1423, 56.9008, 39.4564



18.5125, 20.5037, 21.2322



0.0000, 0.0000, 0.0000



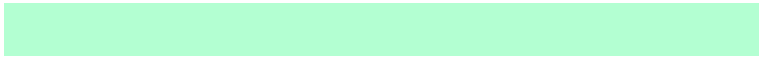
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4268, 54.2481, 49.2572



65.8677, 85.6973, 74.0415



46.1215, 55.3259, 63.4473



11.2564, 12.6123, 12.9074



14.6418, 27.6020, 10.0645



0.7928, 1.4389, 0.7164

Inverse Universe

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



45.9337, 40.0685, 51.2141



70.6471, 58.6549, 77.7650



43.5304, 39.1071, 38.5584



11.4845, 11.3225, 13.0860



17.8547, 8.9525, 12.2195



0.9583, 0.4767, 0.8261

Previews

White Background



This preview shows how the XYZ color 43.4253, 54.2458, 49.2560 looks on a white background.

Color Contrast Check

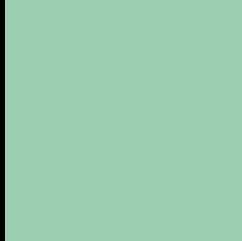
Large Text (above 18pt) WCAG AA × Fail

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 43.4253, 54.2458, 49.2560 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

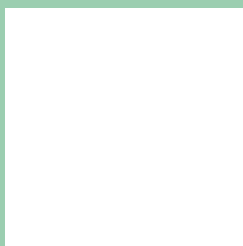
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4253, 54.2458, 49.2560

Background



This preview shows how black text looks on a background with the XYZ color 43.4253, 54.2458, 49.2560.



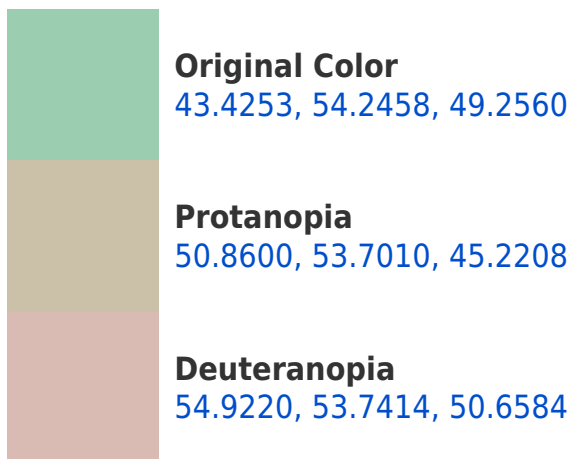
This preview shows how white text looks on a background with the XYZ color 43.4253, 54.2458,

49.2560.

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





Tritanopia

48.1532, 54.0530, 72.8611

Trichromacy



Original Color

43.4253, 54.2458, 49.2560

Protanomaly

47.8902, 53.8058, 46.8912

Deuteranomaly

49.9341, 53.4403, 50.3310

Tritanomaly

46.1603, 53.9317, 63.2353

Monochromacy



Original Color

43.4253, 54.2458, 49.2560

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.5182, 51.1164, 52.2671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4253, 54.2458, 49.2560 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(155, 206, 176)` looks like.

```
.text, #text, p{  
    color:rgb(155, 206, 176)  
}
```

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(155, 206, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 206, 176) }
```

Border

The CSS property to change the border of an element to XYZ 43.4253, 54.2458, 49.2560 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(155, 206, 176) }
```


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

```
.border{ border-color:rgb(155, 206, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 206, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 206, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 206, 176); box-shadow:4px 4px 4px 4px rgb(155, 206, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4253, 54.2458, 49.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 206, 176) }
```

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

```
.background{ background-color: rgb(155,  
206, 176) }
```

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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