

Converting Colors

XYZ(43.3362, 54.2730, 50.8319)

Have a look what the booklet for
XYZ(43.3362, 54.2730, 50.8319)
contains.

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Color

**XYZ(43.3449, 54.1696,
50.8191)**

Conversions

Conversions Part 1

Format	Color
Hex	99CEB3
RGB	153, 206, 179
RGB Percent	60%, 81%, 70%
CMY	0.4000, 0.1921, 0.2980
CMYK	0.26, 0.00, 0.13, 0.19
HSL	149°, 35%, 70%
HSV	149°, 26%, 81%
XYZ	43.3449, 54.1696, 50.8191
YIQ	187.0750, -22.9210, -19.6330

Conversions

Conversions Part 2

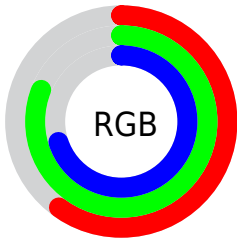
Format	Color
RYB	153, 189, 206
Decimal	10079923
CIELab	78.56, -22.73, 7.90
CIELCh	79, 24.061, 160.840
Yxy	54.1696, 0.2922, 0.3652
Android (android.graphics.Color)	4288270003 (0xFF99CEB3)
YUV	187.0750, -3.9810, -29.8838
Hunter-Lab	73.6000, -23.6768, 10.5816

Details

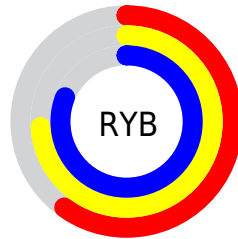
The XYZ color **43.3449, 54.1696, 50.8191** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.0850, 39.2010, 48.3727**, and the grayscale version is **47.3086, 49.7724, 54.2021**.

A 20% lighter version of the original color is **76.7678, 90.9281, 92.1020**, and **20.3610, 26.7295, 23.8248** is the 20% darker color. If you saturate the color by 10%, you get **38.7661, 51.9287, 45.2737**, and if you desaturate by 10%, it is **48.6787, 56.7934, 56.8239**.

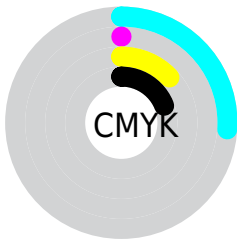
Distribution



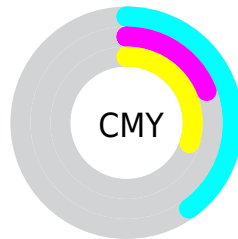
- Red (60%)
- Green (81%)
- Blue (70%)



- Red (60%)
- Yellow (74%)
- Blue (81%)



- Cyan (26%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)





- Cyan (40%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3449, 54.1696, 50.8191 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 43.3449, 54.1696, 50.8191 by changing the saturation by 10% instead.


 43.3449, 54.1696,
50.8191


 43.3449, 54.1696,
50.8191


350.9258,
402.7564, 406.6870

 30.3515, 38.7373,
35.6889


 79.4835, 96.3232,
92.7961

 20.2549, 26.5554,
23.9063


 103.3595,
123.8133, 120.4800

 12.6898, 17.2396,
15.0525


131.5937,
156.0914, 153.1855

 7.2908, 10.4055,
8.7092

164.5515,
193.5420, 191.3313

 3.6926, 5.6686,
4.4578

202.5983,
236.5494, 235.3357

 1.5297, 2.6446,
1.8797

246.0993,

 0.3459, 0.9492,

285.4980, 285.6175

0.4798

295.4200,
340.7722, 342.5951

■ 0.0000, 0.0000,
0.0000

■ 43.3449, 54.1696,
50.8191

■ 43.3449, 54.1696,
50.8191

■ 38.7661, 51.9287,
45.2737

■ 48.6787, 56.7934,
56.8239

■ 34.9017, 50.0453,
40.1731

■ 54.7969, 59.8105,
63.2951

■ 31.7136, 48.5018,
35.5070

■ 61.7325, 63.2394,
70.2441

■ 29.1585, 47.2759,
31.2633

■ 69.5154, 67.0951,
77.6808

■ 27.1876, 46.3427,
27.4293

■ 77.8036, 71.2011,
85.5976

■ 25.7446, 45.6734,
23.9914

■ 79.3351, 71.8137,
93.6625

■ 24.7599, 45.2324,
20.9352

■ 80.9572, 72.4626,
102.2039

■ 24.4239, 45.0852,
19.7407

■ 81.3623, 72.6246,
104.3374

Harmonies

Analogous

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



45.7510, 54.1696, 41.3491



43.3449, 54.1696, 50.8191



43.0403, 54.1696, 64.0300

Triad

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



43.3449, 54.1696, 50.8191



53.2205, 54.1696, 88.5264



58.6975, 54.1696, 43.4997

Complementary

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



43.3449, 54.1696, 50.8191



45.0850, 39.2010, 48.3727

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.



60.9713, 54.1696, 54.2055



43.3449, 54.1696, 50.8191



57.6825, 54.1696, 81.0255

Square

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



43.3449, 54.1696, 50.8191



48.5515, 54.1696, 87.2471



60.5888, 54.1696, 67.9742



54.5376, 54.1696, 37.5933

Rectangle

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



43.3449, 54.1696, 50.8191



44.0478, 54.1696, 73.4067



60.5888, 54.1696, 67.9742



59.7190, 54.1696, 46.5819

Sweetspot

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



43.3464, 54.1718, 50.8203



86.3105, 95.6827, 99.9916



46.7347, 56.1943, 38.5212



18.1430, 20.3167, 21.0559



0.0000, 0.0000, 0.0000



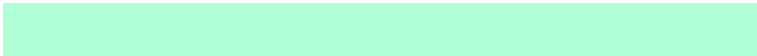
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3464, 54.1718, 50.8203



65.8839, 85.6366, 77.1634



46.2436, 55.3307, 66.0767



11.2936, 12.6272, 13.1033



15.0876, 27.7803, 12.4120



0.8167, 1.4485, 0.8421

Inverse Universe

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



45.0850, 39.2010, 48.3727



69.1790, 57.2605, 72.5231



42.6695, 38.2348, 35.6529



11.4468, 11.3075, 12.8876



17.2912, 8.7271, 9.2519



0.9303, 0.4655, 0.6789

Previews

White Background



This preview shows how the XYZ color 43.3449, 54.1696, 50.8191 looks on a white background.

Color Contrast Check

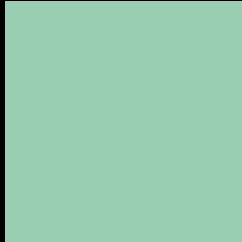
Large Text (above 18pt) WCAG AA × Fail

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 43.3449, 54.1696, 50.8191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

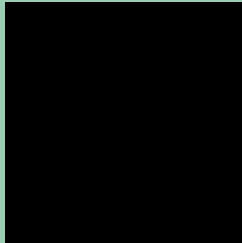
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3449, 54.1696, 50.8191

Background



This preview shows how black text looks on a background with the XYZ color 43.3449, 54.1696, 50.8191.

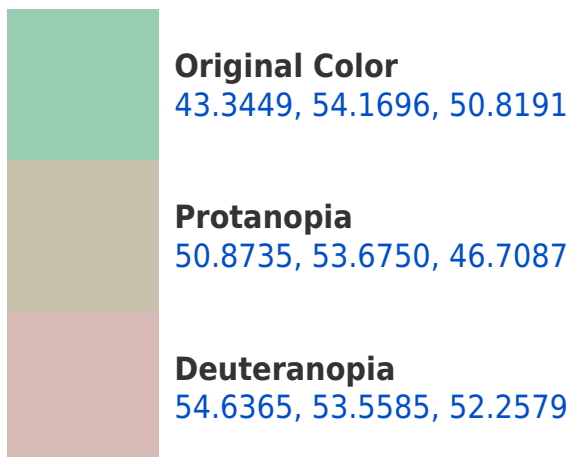


This preview shows how white text looks on a background with the XYZ color 43.3449, 54.1696,

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

47.9082, 54.2566, 73.5932

Trichromacy



Original Color

43.3449, 54.1696, 50.8191

Protanomaly

47.6991, 53.6737, 48.4035

Deuteranomaly

49.7276, 53.2984, 51.9227

Tritanomaly

46.0401, 54.1918, 64.5334

Monochromacy



Original Color

43.3449, 54.1696, 50.8191

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.6227, 51.1582, 52.8174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3449, 54.1696, 50.8191 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, 206, 179)` looks like.

```
.text, #text, p{  
    color:rgb(153, 206, 179)  
}
```

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, 206, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 206, 179) }
```

Border

The CSS property to change the border of an element to XYZ 43.3449, 54.1696, 50.8191 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, 206, 179) }
```


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

```
.border{ border-color:rgb(153, 206, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 206, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 206, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 206, 179); box-shadow:4px 4px 4px 4px rgb(153, 206, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3449, 54.1696, 50.8191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 206, 179) }
```

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

```
.background{ background-color: rgb(153,  
206, 179) }
```

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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