

Converting Colors

XYZ(54.1420, 44.9833, 43.3595)

Have a look what the booklet for
XYZ(54.1420, 44.9833, 43.3595)
contains.

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Color

**XYZ(54.1435, 44.9830,
43.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9DA9
RGB	237, 157, 169
RGB Percent	93%, 62%, 66%
CMY	0.0706, 0.3843, 0.3373
CMYK	0.00, 0.34, 0.29, 0.07
HSL	351°, 69%, 77%
HSV	351°, 34%, 93%
XYZ	54.1435, 44.9830, 43.3650
YIQ	182.2880, 43.8280, 20.6920

Conversions

Conversions Part 2

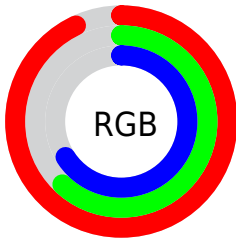
Format	Color
R _Y B	237, 157, 169
Decimal	15572393
CIE Lab	72.88, 31.38, 6.09
CIE LCh	73, 31.962, 10.991
Yxy	44.9830, 0.3800, 0.3157
Android (android.graphics.Color)	4293762473 (0xFFED9DA9)
YUV	182.2880, -6.5510, 47.9824
Hunter-Lab	67.0694, 26.7274, 8.6135

Details

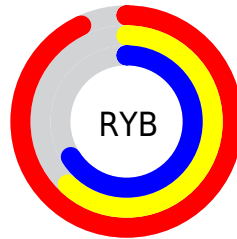
The XYZ color **54.1435, 44.9830, 43.3650** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.7814, 73.1739, 82.3166**, and the grayscale version is **44.6393, 46.9640, 51.1438**.

A 20% lighter version of the original color is **78.2380, 73.7288, 80.6285**, and **26.8529, 20.9712, 19.4622** is the 20% darker color. If you saturate the color by 10%, you get **48.7679, 37.0288, 32.9500**, and if you desaturate by 10%, it is **60.5907, 54.6134, 55.5759**.

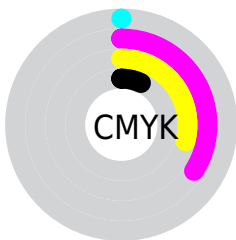
Distribution



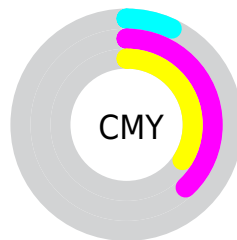
- Red (93%)
- Green (62%)
- Blue (66%)



- Red (93%)
- Yellow (62%)
- Blue (66%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1435, 44.9830, 43.3650 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 54.1435, 44.9830, 43.3650 by changing the saturation by 10% instead.


 54.1435, 44.9830,
43.3650


 54.1435, 44.9830,
43.3650


392.8464,
366.7047, 376.0759

 38.9475, 31.4440,
29.8381

 95.4406, 82.6949,
81.5536

 26.8994, 20.9372,
19.4647


 122.2724,
107.6366, 107.0524

 17.6339, 13.0781,
11.8263


153.7135,
137.1481, 137.3789

 10.7856, 7.4824,
6.5044

190.1293,
171.6136, 172.9517

 5.9891, 3.7655,
3.0805

231.8851,
211.4176, 214.1892

 2.8790, 1.5433,
1.1359

279.3464,

 1.0901, 0.3189,

256.9446, 261.5100

0.0000

332.8783,
308.5788, 315.3328

■ 0.0168, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1435, 44.9830,
43.3650

■ 54.1435, 44.9830,
43.3650

■ 48.7679, 37.0288,
32.9500

■ 60.5907, 54.6134,
55.5759

■ 44.4018, 30.6488,
24.2430

■ 68.1597, 66.0016,
69.6595

■ 40.9823, 25.7399,
17.1531

■ 76.9022, 79.2315,
85.6911

■ 38.4378, 22.1838,
11.5791

■ 86.8652, 94.3799,
103.7413

■ 36.6863, 19.8441,
7.4088

■ 88.7352, 96.7446,
108.6045

■ 35.6294, 18.5552,
4.5133

■ 35.2367, 18.1292,
3.2744

Harmonies

Analogous

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



53.6915, 44.9830, 59.6544



54.1435, 44.9830, 43.3650



51.3515, 44.9830, 31.5011

Triad

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



54.1435, 44.9830, 43.3650



36.1129, 44.9830, 29.2970



39.3634, 44.9830, 84.0441

Complementary

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



54.1435, 44.9830, 43.3650



57.7814, 73.1739, 82.3166

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.



35.1757, 44.9830, 71.9572



54.1435, 44.9830, 43.3650



33.4146, 44.9830, 39.6596

Square

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



54.1435, 44.9830, 43.3650



40.7470, 44.9830, 24.6335



33.0871, 44.9830, 55.0574



44.8279, 44.9830, 85.6436

Rectangle

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



54.1435, 44.9830, 43.3650



48.1571, 44.9830, 26.7684



33.0871, 44.9830, 55.0574



37.7727, 44.9830, 80.9670

Sweetspot

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



54.1447, 44.9851, 43.3659



84.1521, 83.4774, 89.0109



58.3959, 46.2381, 85.9682



17.7088, 17.4092, 18.4944



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.



54.1447, 44.9851, 43.3659



59.1129, 45.9744, 41.8960



58.3613, 55.1387, 39.4678



15.1575, 15.0909, 16.1148



19.2673, 9.9096, 1.9432



1.5413, 0.7895, 0.3017

Inverse Universe

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



54.1447, 44.9851, 43.3659



59.1129, 45.9744, 41.8960



51.9930, 58.8852, 88.7469



15.1575, 15.0909, 16.1148



19.2673, 9.9096, 1.9432



1.5413, 0.7895, 0.3017

Previews

White Background



This preview shows how the XYZ color 54.1435, 44.9830, 43.3650 looks on a white background.

Color Contrast Check

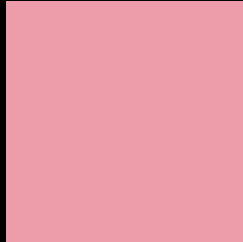
Large Text (above 18pt) WCAG AA × Fail

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 54.1435, 44.9830, 43.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

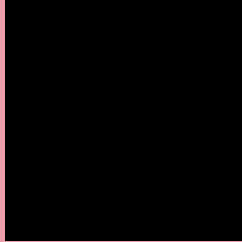
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1435, 44.9830, 43.3650

Background



This preview shows how black text looks on a background with the XYZ color 54.1435, 44.9830, 43.3650.



This preview shows how white text looks on a background with the XYZ color 54.1435, 44.9830,

43.3650.

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

54.1435, 44.9830, 43.3650

Protanopia

43.5523, 45.1221, 50.1300

Deuteranopia

45.9139, 45.0578, 42.3535



Tritanopia

54.1435, 44.9830, 43.3650

Trichromacy



Original Color

54.1435, 44.9830, 43.3650

Protanomaly

46.6677, 44.4803, 47.7209

Deuteranomaly

48.5253, 44.7236, 42.6342

Tritanomaly

54.1435, 44.9830, 43.3650

Monochromacy



Original Color

54.1435, 44.9830, 43.3650

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.2365, 45.6180, 47.9105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1435, 44.9830, 43.3650 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(237, 157, 169)` looks like.

```
.text, #text, p{  
    color:rgb(237, 157, 169)  
}
```

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(237, 157, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 157, 169) }
```

Border

The CSS property to change the border of an element to XYZ 54.1435, 44.9830, 43.3650 is called "border". The border property can be set on classes, ids or directly on the HTML element.

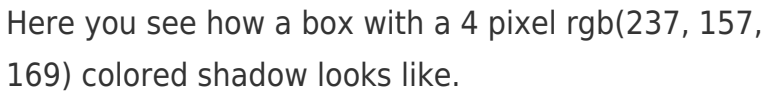
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 157, 169) }
```


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

```
.border{ border-color:rgb(237, 157, 169) }
```

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



Here you see how a box with a 4 pixel rgb(237, 157, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 157, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 157, 169);  
box-shadow:4px 4px 4px 4px rgb(237, 157,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1435, 44.9830, 43.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 157, 169) }
```

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

```
.background{ background-color: rgb(237,  
157, 169) }
```

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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