

Converting Colors

XYZ(55.4051, 49.2252, 44.9101)

Have a look what the booklet for
XYZ(55.4051, 49.2252, 44.9101)
contains.

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Color

**XYZ(55.5179, 49.3897,
45.1351)**

Conversions

Conversions Part 1

Format	Color
Hex	E9ABAB
RGB	233, 171, 171
RGB Percent	91%, 67%, 67%
CMY	0.0863, 0.3294, 0.3294
CMYK	0.00, 0.27, 0.27, 0.09
HSL	0°, 58%, 79%
HSV	0°, 27%, 91%
XYZ	55.5179, 49.3897, 45.1351
YIQ	189.5380, 36.9520, 13.1440

Conversions

Conversions Part 2

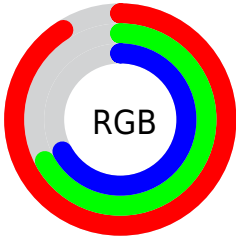
Format	Color
R _Y B	233, 171, 171
Decimal	15313835
CIE Lab	75.69, 22.73, 8.97
CIE LCh	76, 24.436, 21.529
Yxy	49.3897, 0.3700, 0.3292
Android (android.graphics.Color)	4293503915 (0xFFE9ABAB)
YUV	189.5380, -9.1392, 38.1162
Hunter-Lab	70.2778, 18.0249, 11.1162

Details

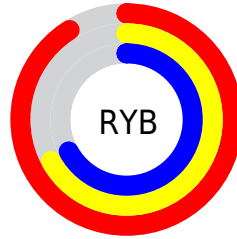
The XYZ color **55.5179, 49.3897, 45.1351** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.6407, 72.8169, 87.9502**, and the grayscale version is **48.7150, 51.2520, 55.8134**.

A 20% lighter version of the original color is **82.4366, 81.6892, 83.3742**, and **27.7127, 23.5189, 20.5317** is the 20% darker color. If you saturate the color by 10%, you get **49.4702, 40.5405, 33.1108**, and if you desaturate by 10%, it is **62.7355, 59.9514, 59.4818**.

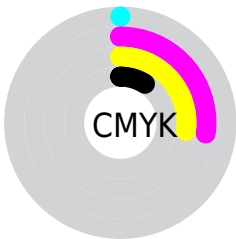
Distribution



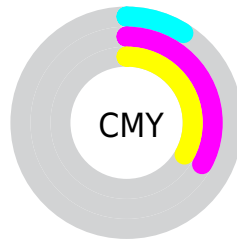
- Red (91%)
- Green (67%)
- Blue (67%)



- Red (91%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (9%)



- Cyan (9%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5179, 49.3897, 45.1351 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 55.5179, 49.3897, 45.1351 by changing the saturation by 10% instead.

■ 55.5179, 49.3897,
45.1351

■ 55.5179, 49.3897,
45.1351

397.9767,
384.2745, 383.4965

■ 40.0520, 34.9287,
31.2201

■ 97.4433, 89.2700,
84.2437

■ 27.7635, 23.6080,
20.5067

124.6334,
115.4580, 110.2744

■ 18.2870, 15.0431,
12.5761

156.4624,
146.3239, 141.1808

■ 11.2572, 8.8496,
7.0101

193.2955,
182.2520, 177.3814

■ 6.3086, 4.6432,
3.3898

235.4981,
223.6267, 219.2947

■ 3.0761, 2.0395,
1.2970

283.4356,

■ 1.1941, 0.6303,

270.8325, 267.3393

0.0593

337.4734,
324.2536, 321.9337

■ 0.1017, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5179, 49.3897,
45.1351

■ 55.5179, 49.3897,
45.1351

■ 49.4702, 40.5405,
33.1108

■ 62.7355, 59.9514,
59.4818

■ 44.5270, 33.3072,
23.2841

■ 71.1756, 72.3017,
76.2607

■ 40.6228, 27.5941,
15.5230

■ 80.8928, 86.5206,
95.5785

■ 37.6835, 23.2931,
9.6802

■ 87.4145, 96.0637,
108.5427

■ 35.6253, 20.2812,
5.5890

■ 34.3501, 18.4150,
3.0542

■ 33.7337, 17.5129,
1.8292

■ 33.6046, 17.3241,
1.5727

Harmonies

Analogous

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



56.0930, 49.3897, 57.5346



55.5179, 49.3897, 45.1351



52.5713, 49.3897, 36.5208

Triad

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



55.5179, 49.3897, 45.1351



40.4510, 49.3897, 39.7074



45.6725, 49.3897, 82.4047

Complementary

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



55.5179, 49.3897, 45.1351



60.6407, 72.8169, 87.9502

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.



41.7322, 49.3897, 75.7585



55.5179, 49.3897, 45.1351



38.8472, 49.3897, 50.1867

Square

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



55.5179, 49.3897, 45.1351



43.8201, 49.3897, 33.7556



39.3006, 49.3897, 63.4570



50.2118, 49.3897, 80.4691

Rectangle

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



55.5179, 49.3897, 45.1351



49.7564, 49.3897, 33.4230



39.3006, 49.3897, 63.4570



44.2385, 49.3897, 81.0661

Sweetspot

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



55.5192, 49.3920, 45.1361



85.7720, 86.4238, 90.4554



62.8756, 52.3332, 83.8786



18.0096, 17.9873, 18.6670



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.



55.5192, 49.3920, 45.1361



63.8431, 54.3357, 46.8613



62.0760, 62.5055, 47.3217



15.0656, 15.0542, 15.6304



19.0679, 9.8301, 0.8924



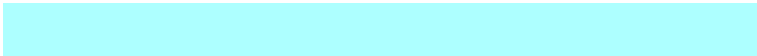
1.4973, 0.7720, 0.0701

Inverse Universe

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



60.6407, 72.8169, 87.9502



71.1303, 87.6662, 107.7800



52.6236, 56.7828, 85.2778



15.5176, 17.1217, 19.4092



24.8770, 36.4010, 49.4579



1.9535, 2.8584, 3.8836

Previews

White Background



This preview shows how the XYZ color 55.5179, 49.3897, 45.1351 looks on a white background.

Color Contrast Check

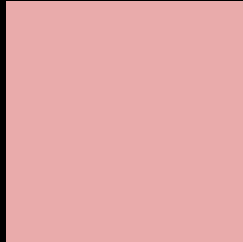
Large Text (above 18pt) WCAG AA × Fail

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 55.5179, 49.3897, 45.1351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

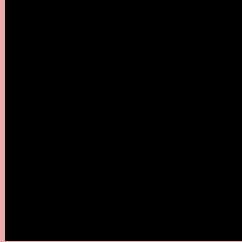
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5179, 49.3897, 45.1351

Background



This preview shows how black text looks on a background with the XYZ color 55.5179, 49.3897, 45.1351.



This preview shows how white text looks on a background with the XYZ color 55.5179, 49.3897,

45.1351.

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

55.5179, 49.3897, 45.1351

Protanopia

47.4338, 49.5790, 49.7175

Deuteranopia

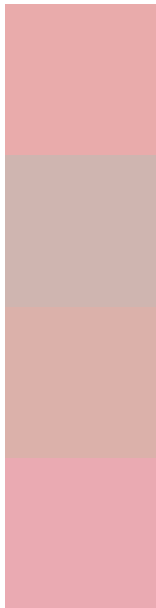
50.3467, 49.3560, 44.4092



Tritanopia

56.5631, 49.2458, 50.7801

Trichromacy



Original Color

55.5179, 49.3897, 45.1351

Protanomaly

50.0925, 49.4477, 47.9785

Deuteranomaly

52.1913, 49.4066, 44.8159

Tritanomaly

56.3423, 49.4562, 48.6959

Monochromacy



Original Color

55.5179, 49.3897, 45.1351

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.9343, 50.4077, 51.8449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5179, 49.3897, 45.1351 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(233, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(233, 171, 171)  
}
```

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(233, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 171, 171) }
```

Border

The CSS property to change the border of an element to XYZ 55.5179, 49.3897, 45.1351 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(233, 171, 171) }
```


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

```
.border{ border-color:rgb(233, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(233, 171,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5179, 49.3897, 45.1351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 171, 171) }
```

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

```
.background{ background-color: rgb(233,  
171, 171) }
```

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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