

Converting Colors

XYZ(55.7735, 53.0624, 44.8386)

Have a look what the booklet for
XYZ(55.7735, 53.0624, 44.8386)
contains.

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Color

**XYZ(55.7735, 53.0624,
44.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B7A9
RGB	227, 183, 169
RGB Percent	89%, 72%, 66%
CMY	0.1098, 0.2823, 0.3372
CMYK	0.00, 0.19, 0.26, 0.11
HSL	14°, 51%, 78%
HSV	14°, 26%, 89%
XYZ	55.7735, 53.0624, 44.8386
YIQ	194.5600, 30.7180, 4.9740

Conversions

Conversions Part 2

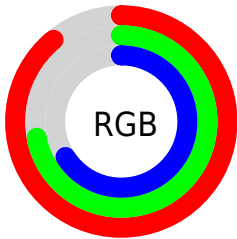
Format	Color
R _Y B	227, 187, 169
Decimal	14923689
CIE Lab	77.91, 13.81, 13.12
CIE LCh	78, 19.047, 43.536
Yxy	53.0624, 0.3629, 0.3453
Android (android.graphics.Color)	4293113769 (0xFFE3B7A9)
YUV	194.5600, -12.6011, 28.4499
Hunter-Lab	72.8439, 9.1929, 14.4952

Details

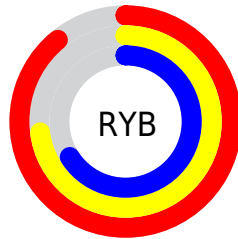
The XYZ color **55.7735, 53.0624, 44.8386** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.0211, 61.5680, 81.7101**, and the grayscale version is **51.6710, 54.3619, 59.2001**.

A 20% lighter version of the original color is **85.5610, 88.3748, 83.0695**, and **27.9881, 25.9075, 20.3551** is the 20% darker color. If you saturate the color by 10%, you get **50.4879, 45.6105, 33.4599**, and if you desaturate by 10%, it is **61.8664, 61.5362, 58.3129**.

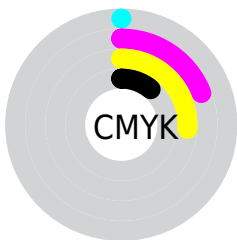
Distribution



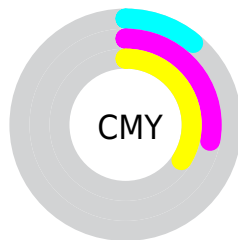
- Red (89%)
- Green (72%)
- Blue (66%)



- Red (89%)
- Yellow (73%)
- Blue (66%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7735, 53.0624, 44.8386 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 55.7735, 53.0624, 44.8386 by changing the saturation by 10% instead.


 55.7735, 53.0624,
44.8386

 55.7735, 53.0624,
44.8386


398.9262,
398.5245, 382.2605

 40.2576, 37.8526,
30.9883


 97.8151, 94.6962,
83.7940

 27.9246, 25.8683,
20.3315


125.0715,
121.8889, 109.7363

 18.4090, 16.7251,
12.4498


156.9721,
153.8448, 140.5462

 11.3455, 10.0387,
6.9246

193.8824,
190.9482, 176.6424

 6.3687, 5.4246,
3.3372

236.1675,
233.5834, 218.4434

 3.1133, 2.4985,
1.2693

284.1930,

 1.2140, 0.8759,

282.1350, 266.3677

0.0364

338.3241,
336.9872, 320.8339

■ 0.1174, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7735, 53.0624,
44.8386

■ 55.7735, 53.0624,
44.8386

■ 50.4879, 45.6105,
33.4599

■ 61.8664, 61.5362,
58.3129

■ 45.9708, 39.1344,
24.0676

■ 68.7950, 71.0613,
73.9778

■ 42.1860, 33.5950,
16.5476

■ 76.5915, 81.6750,
91.9267

■ 39.0930, 28.9477,
10.7726

■ 84.5020, 93.0975,
108.1236

■ 36.6468, 25.1444,
6.5996

■ 85.4887, 95.0710,
108.4525

■ 34.7966, 22.1319,
3.8622

■ 33.4825, 19.8499,
2.3568

■ 33.0359, 19.0453,
1.9349

Harmonies

Analogous

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



57.6774, 53.0624, 53.1338



55.7735, 53.0624, 44.8386



52.4790, 53.0624, 40.3452

Triad

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



55.7735, 53.0624, 44.8386



43.9101, 53.0624, 52.1877



52.1190, 53.0624, 79.9529

Complementary

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



55.7735, 53.0624, 44.8386



54.0211, 61.5680, 81.7101

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.



48.4432, 53.0624, 79.6185



55.7735, 53.0624, 44.8386



43.8243, 53.0624, 62.6809

Square

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



55.7735, 53.0624, 44.8386



45.6875, 53.0624, 44.2193



45.4471, 53.0624, 72.9893



55.4989, 53.0624, 73.8537

Rectangle

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



55.7735, 53.0624, 44.8386



49.9964, 53.0624, 39.7210



45.4471, 53.0624, 72.9893



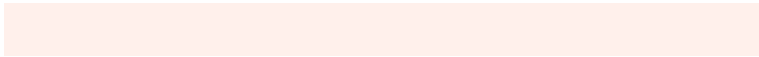
50.8746, 53.0624, 80.6098

Sweetspot

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



55.7749, 53.0648, 44.8397



87.1983, 89.2763, 90.9308



57.9366, 49.5353, 69.7700



18.3655, 18.6991, 18.7857



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.



55.7749, 53.0648, 44.8397



68.5949, 63.4393, 49.6780



62.2675, 66.0500, 47.0039



14.6582, 14.9302, 15.0137



19.3425, 11.2592, 1.1538



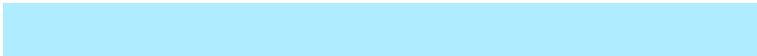
1.5006, 0.9744, 0.1090

Inverse Universe

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



54.0211, 61.5680, 81.7101



65.9136, 76.3852, 105.8775



47.4655, 48.4569, 79.5249



14.4971, 15.7157, 18.4137



16.8062, 20.6744, 45.4880



1.3128, 1.6695, 3.3850

Previews

White Background



This preview shows how the XYZ color 55.7735, 53.0624, 44.8386 looks on a white background.

Color Contrast Check

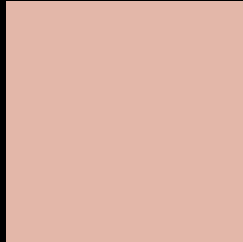
Large Text (above 18pt) WCAG AA × Fail

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 55.7735, 53.0624, 44.8386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

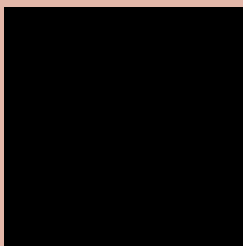
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7735, 53.0624, 44.8386

Background



This preview shows how black text looks on a background with the XYZ color 55.7735, 53.0624, 44.8386.



This preview shows how white text looks on a background with the XYZ color 55.7735, 53.0624,

44.8386.

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

55.7735, 53.0624, 44.8386

Protanopia

50.5770, 53.1728, 47.6421

Deuteranopia

54.1420, 53.1606, 44.4532



Tritanopia

58.3789, 52.9134, 57.5885

Trichromacy



Original Color

55.7735, 53.0624, 44.8386

Protanomaly

52.2223, 53.0754, 46.5219

Deuteranomaly

54.8483, 53.2131, 44.4261

Tritanomaly

57.2861, 52.7612, 52.5120

Monochromacy



Original Color

55.7735, 53.0624, 44.8386

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.2259, 54.0722, 54.0860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7735, 53.0624, 44.8386 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(227, 183, 169)` looks like.

```
.text, #text, p{  
    color:rgb(227, 183, 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(227, 183, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 183, 169) }
```

Border

The CSS property to change the border of an element to XYZ 55.7735, 53.0624, 44.8386 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(227, 183, 169) }
```


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

```
.border{ border-color:rgb(227, 183, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 183, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 183, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 183, 169); box-shadow:4px 4px 4px 4px rgb(227, 183, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7735, 53.0624, 44.8386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 183, 169) }
```

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

```
.background{ background-color: rgb(227,  
183, 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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