

Converting Colors

XYZ(55.0563, 52.2782, 43.7949)

Have a look what the booklet for
XYZ(55.0563, 52.2782, 43.7949)
contains.

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Color

**XYZ(55.0670, 52.4147,
43.7739)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B6A7
RGB	226, 182, 167
RGB Percent	89%, 71%, 65%
CMY	0.1137, 0.2863, 0.3451
CMYK	0.00, 0.19, 0.26, 0.11
HSL	15°, 50%, 77%
HSV	15°, 26%, 89%
XYZ	55.0670, 52.4147, 43.7739
YIQ	193.4460, 31.0390, 4.6630

Conversions

Conversions Part 2

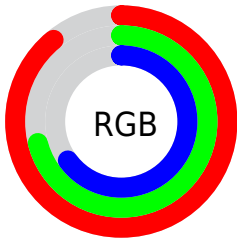
Format	Color
R _Y B	226, 187, 167
Decimal	14857895
CIE Lab	77.53, 13.69, 13.65
CIE LCh	78, 19.327, 44.913
Yxy	52.4147, 0.3641, 0.3465
Android (android.graphics.Color)	4293047975 (0xFFE2B6A7)
YUV	193.4460, -13.0379, 28.5499
Hunter-Lab	72.3980, 9.0733, 14.8302

Details

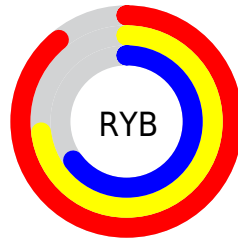
The XYZ color **55.0670, 52.4147, 43.7739** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.9573, 60.2931, 80.7982**, and the grayscale version is **51.0138, 53.6705, 58.4472**.

A 20% lighter version of the original color is **84.9994, 87.6830, 81.5518**, and **27.5223, 25.4844, 19.6880** is the 20% darker color. If you saturate the color by 10%, you get **49.9117, 45.1603, 32.6329**, and if you desaturate by 10%, it is **61.0056, 60.6507, 56.9785**.

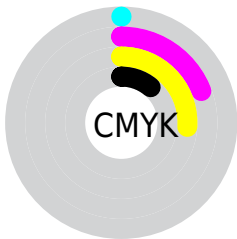
Distribution



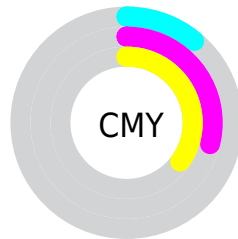
- Red (89%)
- Green (71%)
- Blue (65%)



- Red (89%)
- Yellow (73%)
- Blue (65%)



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





- Cyan (11%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0670, 52.4147, 43.7739 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 55.0670, 52.4147, 43.7739 by changing the saturation by 10% instead.


 55.0670, 52.4147,
43.7739


 55.0670, 52.4147,
43.7739


396.2981,
396.0355, 377.7991

 39.6894, 37.3357,
30.1569


 96.7869, 93.7425,
82.1763

 27.4796, 25.4675,
19.7047


 123.8599,
120.7602, 107.7987

 18.0722, 16.4257,
11.9986


155.5620,
152.5262, 138.2600

 11.1018, 9.8259,
6.6202

192.2588,
189.4250, 173.9788

 6.2032, 5.2837,
3.1509

234.3154,
231.8409, 215.3736

 3.0108, 2.4147,
1.1722

282.0972,

 1.1595, 0.8334,

280.1584, 262.8629

0.0000

335.9697,
334.7618, 316.8652

■ 0.0740, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0670, 52.4147,
43.7739

■ 55.0670, 52.4147,
43.7739

■ 49.9117, 45.1603,
32.6329

■ 61.0056, 60.6507,
56.9785

■ 45.5018, 38.8433,
23.4472

■ 67.7550, 69.8960,
72.3409

■ 41.8025, 33.4268,
16.1037

■ 75.3462, 80.1862,
89.9532

■ 38.7744, 28.8685,
10.4761

■ 83.4184, 91.3973,
107.8526

■ 36.3737, 25.1226,
6.4222

■ 85.1741, 94.9088,
108.4378

■ 34.5511, 22.1385,
3.7763

■ 33.2479, 19.8592,
2.3336

■ 32.8508, 19.1423,
1.9634

Harmonies

Analogous

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



57.0681, 52.4147, 51.9508



55.0670, 52.4147, 43.7739



51.7069, 52.4147, 39.4619

Triad

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



55.0670, 52.4147, 43.7739



43.2157, 52.4147, 51.8946



51.6855, 52.4147, 79.2852

Complementary

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



55.0670, 52.4147, 43.7739



52.9573, 60.2931, 80.7982

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.



47.9768, 52.4147, 79.2652



55.0670, 52.4147, 43.7739



43.2106, 52.4147, 62.5164

Square

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



55.0670, 52.4147, 43.7739



44.9290, 52.4147, 43.7372



44.9147, 52.4147, 72.8195



55.0506, 52.4147, 72.8711

Rectangle

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



55.0670, 52.4147, 43.7739



49.2074, 52.4147, 38.9699



44.9147, 52.4147, 72.8195



50.4348, 52.4147, 80.0544

Sweetspot

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



55.0684, 52.4171, 43.7750



87.2754, 89.4305, 90.9565



56.9724, 48.5224, 68.1558



18.3848, 18.7377, 18.7921



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.



55.0684, 52.4171, 43.7750



68.8236, 63.8967, 49.7543



61.6958, 65.6719, 45.9841



13.9891, 14.2642, 14.3227



18.8220, 11.0818, 1.1470



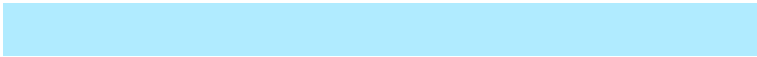
1.3757, 0.9102, 0.1032

Inverse Universe

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



52.9573, 60.2931, 80.7982



65.6218, 75.8015, 105.7803



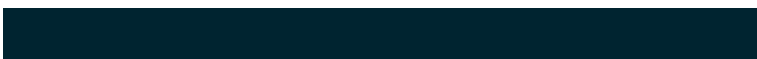
46.3411, 47.0607, 78.5928



13.8061, 14.9512, 17.5459



15.9751, 19.4198, 43.9548



1.1776, 1.4867, 3.0701

Previews

White Background



This preview shows how the XYZ color 55.0670, 52.4147, 43.7739 looks on a white background.

Color Contrast Check

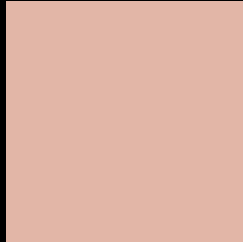
Large Text (above 18pt) WCAG AA × Fail

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 55.0670, 52.4147, 43.7739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

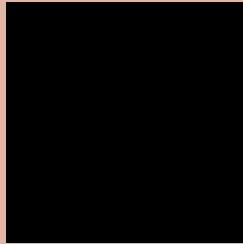
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0670, 52.4147, 43.7739

Background



This preview shows how black text looks on a background with the XYZ color 55.0670, 52.4147, 43.7739.



This preview shows how white text looks on a background with the XYZ color 55.0670, 52.4147,

43.7739.

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

55.0670, 52.4147, 43.7739

Protanopia

49.8966, 52.5195, 46.5372

Deuteranopia

53.4453, 52.5112, 43.3952



Tritanopia

57.7479, 52.3046, 56.9213

Trichromacy



Original Color

55.0670, 52.4147, 43.7739

Protanomaly

51.5334, 52.4240, 45.4330

Deuteranomaly

54.1476, 52.5637, 43.3683

Tritanomaly

56.6623, 52.1531, 51.8799

Monochromacy



Original Color

55.0670, 52.4147, 43.7739

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.0262, 52.8350, 52.8035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0670, 52.4147, 43.7739 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(226, 182, 167)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 167)  
}
```

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(226, 182, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 167) }
```

Border

The CSS property to change the border of an element to XYZ 55.0670, 52.4147, 43.7739 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(226, 182, 167) }
```


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

```
.border{ border-color:rgb(226, 182, 167) }
```

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

Here you see how a box with a 4 pixel rgb(226, 182, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 182, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 182, 167);  
box-shadow:4px 4px 4px 4px rgb(226, 182,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0670, 52.4147, 43.7739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 167) }
```

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

```
.background{ background-color: rgb(226,  
182, 167) }
```

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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