

Converting Colors

XYZ(55.6829, 53.0980, 45.6982)

Have a look what the booklet for
XYZ(55.6829, 53.0980, 45.6982)
contains.

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Color

**XYZ(55.6482, 52.9760,
45.8205)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E2B7AB |
| RGB | 226, 183, 171 |
| RGB Percent | 89%, 72%, 67% |
| CMY | 0.1137, 0.2823, 0.3294 |
| CMYK | 0.00, 0.19, 0.24, 0.11 |
| HSL | 13°, 49%, 78% |
| HSV | 13°, 24%, 89% |
| XYZ | 55.6482, 52.9760, 45.8205 |
| YIQ | 194.4890, 29.4800, 5.3840 |

Conversions

Conversions Part 2

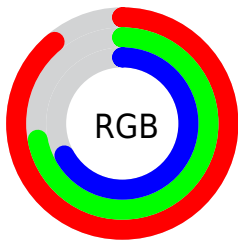
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 226, 186, 171 |
| Decimal | 14858155 |
| CIE Lab | 77.86, 13.71, 11.95 |
| CIE LCh | 78, 18.193, 41.076 |
| Yxy | 52.9760, 0.3603, 0.3430 |
| Android (android.graphics.Color) | 4293048235 (0xFFE2B7AB) |
| YUV | 194.4890, -11.5801, 27.6351 |
| Hunter-Lab | 72.7846, 9.1009, 13.6241 |

Details

The XYZ color **55.6482, 52.9760, 45.8205** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.5680, 62.2403, 81.0893**, and the grayscale version is **51.6235, 54.3119, 59.1456**.

A 20% lighter version of the original color is **85.8340, 88.4840, 84.5067**, and **27.8900, 25.8432, 20.9710** is the 20% darker color. If you saturate the color by 10%, you get **50.2575, 45.3521, 34.2888**, and if you desaturate by 10%, it is **61.8675, 61.6669, 59.4467**.

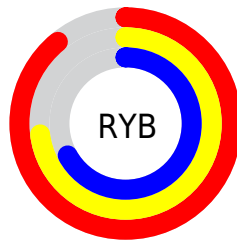
Distribution



Red (89%)

Green (72%)

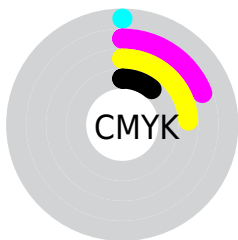
Blue (67%)



Red (89%)

Yellow (73%)

Blue (67%)

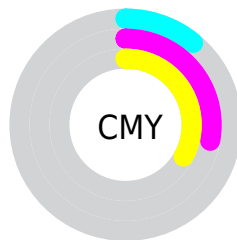


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (11%)



Cyan (11%)


Magenta (28%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6482, 52.9760, 45.8205 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 55.6482, 52.9760, 45.8205 by changing the saturation by 10% instead.


 55.6482, 52.9760,
45.8205

 55.6482, 52.9760,
45.8205


398.4609,
398.1930, 386.3431

 40.1568, 37.7836,
31.7566


 97.6328, 94.5691,
85.2817

 27.8456, 25.8148,
20.9123


124.8568,
121.7385, 111.5161

 18.3492, 16.6851,
12.8693


156.7223,
153.6691, 142.6444

 11.3022, 10.0103,
7.2090

193.5947,
190.7452, 179.0851

 6.3392, 5.4058,
3.5127

235.8395,
233.3513, 221.2568

 3.0950, 2.4872,
1.3620

283.8218,

 1.2042, 0.8702,

281.8717, 269.5780

0.1118

337.9072,
336.6908, 324.4673

■ 0.1097, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6482, 52.9760,
45.8205

■ 55.6482, 52.9760,
45.8205

■ 50.2575, 45.3521,
34.2888

■ 61.8675, 61.6669,
59.4467

■ 45.6556, 38.7468,
24.7441

■ 68.9446, 71.4566,
75.2611

■ 41.8056, 33.1184,
17.0741

■ 76.9124, 82.3843,
93.3558

■ 38.6658, 28.4197,
11.1540

■ 84.7529, 94.0662,
108.2974

■ 36.1904, 24.5992,
6.8438

■ 85.1742, 94.9088,
108.4378

■ 34.3275, 21.6006,
3.9816

■ 33.0167, 19.3598,
2.3707

■ 32.4762, 18.3929,
1.8385

Harmonies

Analogous

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



57.3167, 52.9760, 54.0247



55.6482, 52.9760, 45.8205



52.5873, 52.9760, 41.1672

Triad

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



55.6482, 52.9760, 45.8205



44.1960, 52.9760, 51.6001



51.6684, 52.9760, 78.9569

Complementary

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



55.6482, 52.9760, 45.8205



54.5680, 62.2403, 81.0893

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.



48.1811, 52.9760, 78.1104



55.6482, 52.9760, 45.8205



43.9758, 52.9760, 61.5005

Square

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



55.6482, 52.9760, 45.8205



46.0195, 52.9760, 44.2246



45.4032, 52.9760, 71.4316



54.9485, 52.9760, 73.6247

Rectangle

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



55.6482, 52.9760, 45.8205



50.2246, 52.9760, 40.3359



45.4032, 52.9760, 71.4316



50.4798, 52.9760, 79.4002

Sweetspot

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



55.6496, 52.9784, 45.8216



88.0169, 90.3210, 93.0304



58.0757, 50.1545, 70.2944



18.7153, 19.1612, 19.6343



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.



55.6496, 52.9784, 45.8216



69.5952, 64.6173, 52.5473



61.8647, 65.4087, 47.8933



13.9486, 14.1831, 14.3092



18.5993, 10.6364, 1.0727



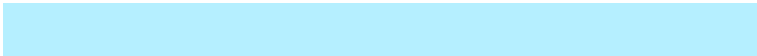
1.3551, 0.8691, 0.0963

Inverse Universe

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



54.5680, 62.2403, 81.0893



67.9432, 78.7006, 106.2175



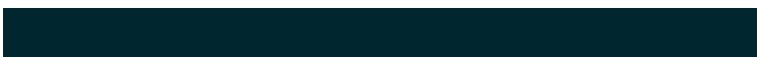
48.2047, 49.5137, 78.9682



13.8495, 15.0381, 17.5604



16.8551, 21.1798, 44.2481



1.2320, 1.5954, 3.0883

Previews

White Background



This preview shows how the XYZ color 55.6482, 52.9760, 45.8205 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 55.6482, 52.9760, 45.8205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

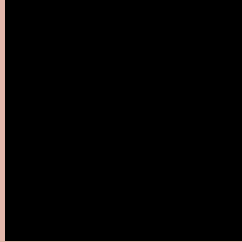
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6482, 52.9760, 45.8205

Background



This preview shows how black text looks on a background with the XYZ color 55.6482, 52.9760, 45.8205.



This preview shows how white text looks on a background with the XYZ color 55.6482, 52.9760,

45.8205.

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

55.6482, 52.9760, 45.8205

Protanopia

50.5055, 53.1132, 48.6642

Deuteranopia

54.0280, 53.0802, 45.4281



Tritanopia

58.3720, 53.1956, 58.2302

Trichromacy



Original Color

55.6482, 52.9760, 45.8205

Protanomaly

52.1321, 53.0065, 47.5280

Deuteranomaly

54.7289, 53.1298, 45.4008

Tritanomaly

57.3817, 53.0869, 53.6768

Monochromacy



Original Color

55.6482, 52.9760, 45.8205

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.7300, 53.4939, 54.0006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6482, 52.9760, 45.8205 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, 183, 171)` looks like.

```
.text, #text, p{  
    color:rgb(226, 183, 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(226, 183, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 171) }
```

Border

The CSS property to change the border of an element to XYZ 55.6482, 52.9760, 45.8205 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, 183, 171) }
```


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

```
.border{ border-color:rgb(226, 183, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 183, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 183, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 183, 171); box-shadow:4px 4px 4px 4px rgb(226, 183, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6482, 52.9760, 45.8205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 171) }
```

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

```
.background{ background-color: rgb(226,  
183, 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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