

Converting Colors

XYZ(55.7909, 53.5392, 45.9222)

Have a look what the booklet for
XYZ(55.7909, 53.5392, 45.9222)
contains.

XYZ(55.7510, 53.6457, 45.9443)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.7510, 53.6457,
45.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B9AB
RGB	225, 185, 171
RGB Percent	88%, 73%, 67%
CMY	0.1176, 0.2745, 0.3294
CMYK	0.00, 0.18, 0.24, 0.12
HSL	16°, 47%, 78%
HSV	16°, 24%, 88%
XYZ	55.7510, 53.6457, 45.9443
YIQ	195.3640, 28.3340, 4.1260

Conversions

Conversions Part 2

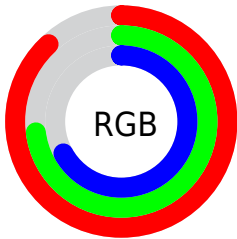
Format	Color
R _Y B	225, 190, 171
Decimal	14793131
CIE Lab	78.25, 12.27, 12.50
CIE LCh	78, 17.517, 45.518
Yxy	53.6457, 0.3589, 0.3453
Android (android.graphics.Color)	4292983211 (0xFFE1B9AB)
YUV	195.3640, -12.0115, 25.9908
Hunter-Lab	73.2432, 7.6943, 14.0786

Details

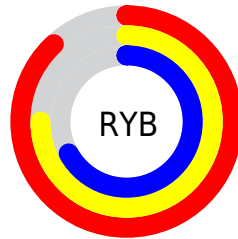
The XYZ color **55.7510, 53.6457, 45.9443** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.6790, 60.6812, 80.1181**, and the grayscale version is **52.1476, 54.8633, 59.7462**.

A 20% lighter version of the original color is **86.4228, 89.6616, 84.7030**, and **27.9432, 26.2695, 21.0505** is the 20% darker color. If you saturate the color by 10%, you get **50.5022, 46.2928, 34.4991**, and if you desaturate by 10%, it is **61.7765, 61.9668, 59.4507**.

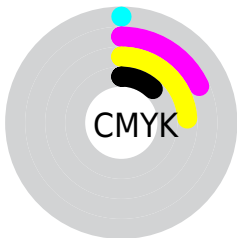
Distribution



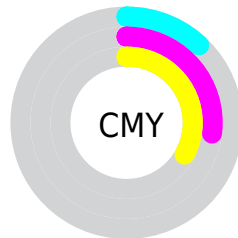
- Red (88%)
- Green (73%)
- Blue (67%)



- Red (88%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (12%)





- Cyan (12%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7510, 53.6457, 45.9443 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 55.7510, 53.6457, 45.9443 by changing the saturation by 10% instead.


 55.7510, 53.6457,
45.9443

 55.7510, 53.6457,
45.9443


398.8427,
400.7575, 386.8557

 40.2395, 38.3185,
31.8535

 97.7823, 95.5538,
85.4690

 27.9104, 26.2300,
20.9857


125.0329,
122.9035, 111.7401

 18.3982, 16.9958,
12.9224


156.9273,
155.0295, 142.9083

 11.3377, 10.2315,
7.2451

193.8307,
192.3162, 179.3922

 6.3634, 5.5527,
3.5351

236.1086,
235.1479, 221.6104

 3.1100, 2.5751,
1.3739

284.1264,

 1.2122, 0.9141,

283.9091, 269.9813

0.1212

338.2493,
338.9842, 324.9236

■ 0.1160, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7510, 53.6457,
45.9443

■ 55.7510, 53.6457,
45.9443

■ 50.5022, 46.2928,
34.4991

■ 61.7765, 61.9668,
59.4507

■ 45.9931, 39.8653,
25.0098

■ 68.6048, 71.2825,
75.1098

■ 42.1904, 34.3279,
17.3665

■ 76.2664, 81.6270,
93.0117

■ 39.0560, 29.6402,
11.4474

■ 83.8069, 92.6383,
108.0716

■ 36.5481, 25.7584,
7.1157

■ 84.8615, 94.7477,
108.4232

■ 34.6197, 22.6345,
4.2134

■ 33.2159, 20.2148,
2.5491

■ 32.5824, 19.0693,
1.9635

Harmonies

Analogous

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



57.6113, 53.6457, 53.5019



55.7510, 53.6457, 45.9443



52.6559, 53.6457, 41.9647

Triad

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



55.7510, 53.6457, 45.9443



44.8656, 53.6457, 53.8135



52.7736, 53.6457, 78.5672

Complementary

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



55.7510, 53.6457, 45.9443



53.6790, 60.6812, 80.1181

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.



49.3570, 53.6457, 78.6749



55.7510, 53.6457, 45.9443



44.8940, 53.6457, 63.6117

Square

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



55.7510, 53.6457, 45.9443



46.4263, 53.6457, 46.1503



46.5055, 53.6457, 72.9507



55.8405, 53.6457, 72.6710

Rectangle

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



55.7510, 53.6457, 45.9443



50.3571, 53.6457, 41.5548



46.5055, 53.6457, 72.9507



51.6255, 53.6457, 79.3018

Sweetspot

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



55.7524, 53.6482, 45.9454



88.2344, 90.7561, 93.1029



57.4355, 49.8623, 68.5549



18.7655, 19.2617, 19.6511



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.



55.7524, 53.6482, 45.9454



70.2927, 66.0125, 52.7798



61.8212, 65.7857, 47.9683



13.9948, 14.2755, 14.3246



18.8558, 11.1495, 1.1583



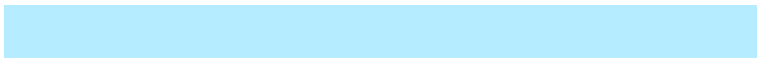
1.3787, 0.9162, 0.1042

Inverse Universe

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



53.6790, 60.6812, 80.1181



67.0620, 76.9382, 105.9238



47.6304, 48.5839, 78.1019



13.8000, 14.9392, 17.5439



15.8567, 19.1830, 43.9153



1.1702, 1.4719, 3.0677

Previews

White Background



This preview shows how the XYZ color 55.7510, 53.6457, 45.9443 looks on a white background.

Color Contrast Check

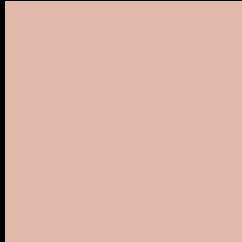
Large Text (above 18pt) WCAG AA × Fail

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 55.7510, 53.6457, 45.9443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

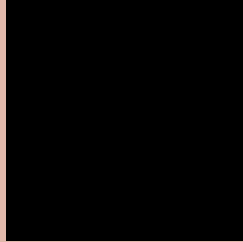
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7510, 53.6457, 45.9443

Background



This preview shows how black text looks on a background with the XYZ color 55.7510, 53.6457, 45.9443.



This preview shows how white text looks on a background with the XYZ color 55.7510, 53.6457,

45.9443.

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

55.7510, 53.6457, 45.9443

Protanopia

51.1649, 53.7916, 48.2436

Deuteranopia

54.9398, 53.8531, 46.0271



Tritanopia

58.3691, 53.4819, 58.8764

Trichromacy



Original Color

55.7510, 53.6457, 45.9443

Protanomaly

52.6318, 53.5845, 47.6133

Deuteranomaly

55.0338, 53.5877, 45.9709

Tritanomaly

57.2694, 53.3320, 53.7300

Monochromacy



Original Color

55.7510, 53.6457, 45.9443

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.9473, 53.9286, 54.0730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7510, 53.6457, 45.9443 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(225, 185, 171)` looks like.

```
.text, #text, p{  
    color:rgb(225, 185, 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(225, 185, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 185, 171) }
```

Border

The CSS property to change the border of an element to XYZ 55.7510, 53.6457, 45.9443 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(225, 185, 171) }
```


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

```
.border{ border-color:rgb(225, 185, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 185, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 185, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 185, 171); box-shadow:4px 4px 4px 4px rgb(225, 185, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7510, 53.6457, 45.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 185, 171) }
```

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

```
.background{ background-color: rgb(225,  
185, 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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