

Converting Colors

XYZ(55.4012, 52.6586, 45.7737)

Have a look what the booklet for
XYZ(55.4012, 52.6586, 45.7737)
contains.

XYZ(55.4427, 52.5649, 45.7520)	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(55.4427, 52.5649,
45.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B6AB
RGB	226, 182, 171
RGB Percent	89%, 71%, 67%
CMY	0.1137, 0.2863, 0.3294
CMYK	0.00, 0.19, 0.24, 0.11
HSL	12°, 49%, 78%
HSV	12°, 24%, 89%
XYZ	55.4427, 52.5649, 45.7520
YIQ	193.9020, 29.7550, 5.9070

Conversions

Conversions Part 2

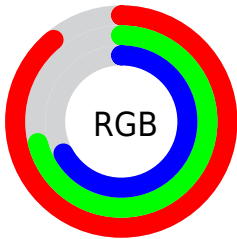
Format	Color
RYB	226, 185, 171
Decimal	14857899
CIELab	77.62, 14.25, 11.61
CIELCh	78, 18.379, 39.172
Yxy	52.5649, 0.3606, 0.3419
Android (android.graphics.Color)	4293047979 (0xFFE2B6AB)
YUV	193.9020, -11.2907, 28.1499
Hunter-Lab	72.5017, 9.6227, 13.3363

Details

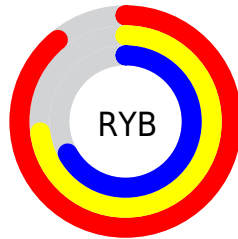
The XYZ color **55.4427, 52.5649, 45.7520** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.8220, 62.7482, 81.1741**, and the grayscale version is **51.2737, 53.9439, 58.7450**.

A 20% lighter version of the original color is **85.5420, 87.9001, 84.4094**, and **27.7576, 25.5785, 20.9269** is the 20% darker color. If you saturate the color by 10%, you get **50.0038, 44.8446, 34.2042**, and if you desaturate by 10%, it is **61.7308, 61.3934, 59.4011**.

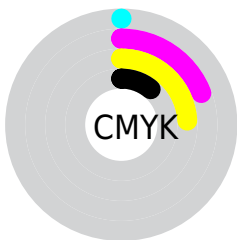
Distribution



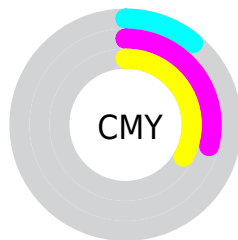
- Red (89%)
- Green (71%)
- Blue (67%)



- Red (89%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4427, 52.5649, 45.7520 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 55.4427, 52.5649, 45.7520 by changing the saturation by 10% instead.


 55.4427, 52.5649,
45.7520

 55.4427, 52.5649,
45.7520


397.6970,
396.6136, 386.0593

 39.9915, 37.4555,
31.7029


 97.3338, 93.9638,
85.1781

 27.7161, 25.5604,
20.8717


124.5045,
121.0222, 111.3922

 18.2511, 16.4951,
12.8400


156.3123,
152.8323, 142.4983

 11.2312, 9.8751,
7.1890

193.1227,
189.7786, 178.9151

 6.2910, 5.3163,
3.5003

235.3011,
232.2455, 221.0611

 3.0652, 2.4340,
1.3554

283.2126,

 1.1883, 0.8433,

280.6174, 269.3547

0.1066

337.2228,
335.2786, 324.2146

■ 0.0971, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4427, 52.5649,
45.7520

■ 55.4427, 52.5649,
45.7520

■ 50.0038, 44.8446,
34.2042

■ 61.7308, 61.3934,
59.4011

■ 45.3729, 38.1813,
24.6498

■ 68.8984, 71.3641,
75.2458

■ 41.5118, 32.5307,
16.9761

■ 76.9796, 82.5186,
93.3782

■ 38.3773, 27.8425,
11.0578

■ 84.9573, 94.4750,
108.3655

■ 35.9217, 24.0619,
6.7543

■ 85.1742, 94.9088,
108.4378

■ 34.0915, 21.1284,
3.9029

■ 32.8236, 18.9734,
2.3063

■ 32.3109, 18.0623,
1.7834

Harmonies

Analogous

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



57.0081, 52.5649, 54.1742



55.4427, 52.5649, 45.7520



52.4281, 52.5649, 40.8369

Triad

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



55.4427, 52.5649, 45.7520



43.8487, 52.5649, 50.5604



51.0574, 52.5649, 78.7857

Complementary

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



55.4427, 52.5649, 45.7520



54.8220, 62.7482, 81.1741

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.



47.5732, 52.5649, 77.5209



55.4427, 52.5649, 45.7520



43.5206, 52.5649, 60.4074

Square

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



55.4427, 52.5649, 45.7520



45.7723, 52.5649, 43.3761



44.8538, 52.5649, 70.4928



54.3986, 52.5649, 73.7682

Rectangle

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



55.4427, 52.5649, 45.7520



50.0601, 52.5649, 39.8269



44.8538, 52.5649, 70.4928



49.8628, 52.5649, 79.0929

Sweetspot

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



55.4441, 52.5673, 45.7531



87.9209, 90.1290, 92.9984



58.1932, 50.2015, 70.9132



18.6931, 19.1169, 19.6269



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.



55.4441, 52.5673, 45.7531



69.2908, 64.0085, 52.4458



61.6386, 64.9563, 47.8179



13.9282, 14.1424, 14.3024



18.5002, 10.4383, 1.0397



1.3455, 0.8498, 0.0931

Inverse Universe

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



54.8220, 62.7482, 81.1741



68.3381, 79.4904, 106.3491



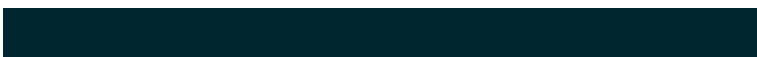
48.3993, 49.9028, 79.0332



13.8715, 15.0820, 17.5677



17.3191, 22.1077, 44.4028



1.2604, 1.6522, 3.0977

Previews

White Background



This preview shows how the XYZ color 55.4427, 52.5649, 45.7520 looks on a white background.

Color Contrast Check

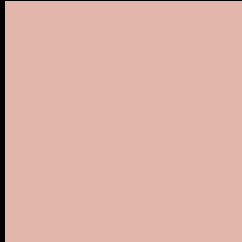
Large Text (above 18pt) WCAG AA × Fail

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 55.4427, 52.5649, 45.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

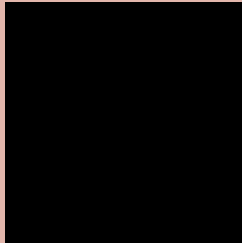
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4427, 52.5649, 45.7520

Background



This preview shows how black text looks on a background with the XYZ color 55.4427, 52.5649, 45.7520.



This preview shows how white text looks on a background with the XYZ color 55.4427, 52.5649,

45.7520.

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

55.4427, 52.5649, 45.7520

Protanopia

50.0205, 52.5383, 48.5788

Deuteranopia

53.5181, 52.5056, 45.3441



Tritanopia

57.7406, 52.5844, 57.5586

Trichromacy



Original Color

55.4427, 52.5649, 45.7520

Protanomaly

51.9177, 52.5777, 47.4566

Deuteranomaly

54.2150, 52.5554, 45.3170

Tritanomaly

56.7568, 52.4762, 53.0365

Monochromacy



Original Color

55.4427, 52.5649, 45.7520

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 55.4427, 52.5649, 45.7520 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 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, 182, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 171) }
```

Border

The CSS property to change the border of an element to XYZ 55.4427, 52.5649, 45.7520 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, 171) }
```


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

```
.border{ border-color:rgb(226, 182, 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, 182, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 182, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 182, 171);  
box-shadow:4px 4px 4px 4px rgb(226, 182,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4427, 52.5649, 45.7520 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, 171) }
```

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

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