

Converting Colors

XYZ(57.5320, 52.4432, 45.6184)

Have a look what the booklet for
XYZ(57.5320, 52.4432, 45.6184)
contains.

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Color

**XYZ(57.5320, 52.4432,
45.6184)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB2AB
RGB	235, 178, 171
RGB Percent	92%, 70%, 67%
CMY	0.0784, 0.3019, 0.3294
CMYK	0.00, 0.24, 0.27, 0.08
HSL	7°, 62%, 80%
HSV	7°, 27%, 92%
XYZ	57.5320, 52.4432, 45.6184
YIQ	194.2450, 36.2190, 9.9070

Conversions

Conversions Part 2

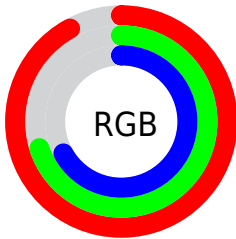
Format	Color
R _Y B	235, 179, 171
Decimal	15446699
CIE Lab	77.55, 19.74, 11.63
CIE LCh	78, 22.914, 30.501
Yxy	52.4432, 0.3698, 0.3371
Android (android.graphics.Color)	4293636779 (0xFFEBB2AB)
YUV	194.2450, -11.4598, 35.7421
Hunter-Lab	72.4177, 15.0778, 13.3436

Details

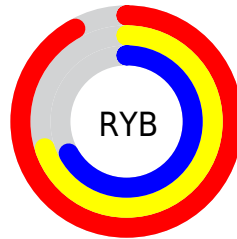
The XYZ color **57.5320, 52.4432, 45.6184** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.5326, 70.1408, 88.9983**, and the grayscale version is **51.4751, 54.1559, 58.9757**.

A 20% lighter version of the original color is **84.3903, 85.5966, 84.0255**, and **29.0235, 25.4641, 20.8381** is the 20% darker color. If you saturate the color by 10%, you get **51.6371, 43.9248, 33.5673**, and if you desaturate by 10%, it is **64.4633, 62.3962, 59.9808**.

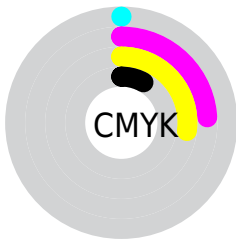
Distribution



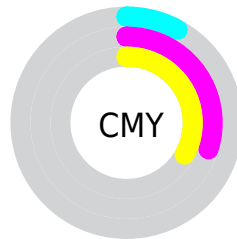
- Red (92%)
- Green (70%)
- Blue (67%)



- Red (92%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (27%)
- Black (8%)



- Cyan (8%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5320, 52.4432, 45.6184 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 57.5320, 52.4432, 45.6184 by changing the saturation by 10% instead.

57.5320, 52.4432,
45.6184

57.5320, 52.4432,
45.6184

405.4218,
396.1452, 385.5053

41.6743, 37.3585,
31.5983

100.3679, 93.7845,
84.9759

29.0364, 25.4852,
20.7926

128.0769,
120.8099, 111.1503

19.2527, 16.4389,
12.7827

160.4669,
152.5843, 142.2133

11.9581, 9.8352,
7.1501

197.9035,
189.4921, 178.5834

6.7872, 5.2899,
3.4763

240.7519,
231.9177, 220.6791

3.3745, 2.4183,
1.3427

289.3776,

1.3548, 0.8353,

280.2455, 268.9189

0.0964

344.1457,
334.8599, 323.7215

■ 0.2236, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5320, 52.4432,
45.6184

■ 57.5320, 52.4432,
45.6184

■ 51.6371, 43.9248,
33.5673

■ 64.4633, 62.3962,
59.9808

■ 46.7245, 36.7680,
23.7035

■ 72.4731, 73.8382,
76.7631

■ 42.7417, 30.9041,
15.8966

■ 81.6064, 86.8294,
96.0710

■ 39.6295, 26.2558,
10.0006

■ 88.0710, 96.4022,
108.5734

■ 37.3219, 22.7372,
5.8506

■ 35.7430, 20.2512,
3.2534

■ 34.8000, 18.6833,
1.9588

■ 34.6242, 18.3886,
1.7245

Harmonies

Analogous

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



58.8353, 52.4432, 56.8890



57.5320, 52.4432, 45.6184



54.1483, 52.4432, 38.4306

Triad

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



57.5320, 52.4432, 45.6184



42.8092, 52.4432, 45.9367



49.9201, 52.4432, 85.0593

Complementary

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



57.5320, 52.4432, 45.6184



59.5326, 70.1408, 88.9983

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.



45.7773, 52.4432, 81.0114



57.5320, 52.4432, 45.6184



41.8218, 52.4432, 57.3150

Square

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



57.5320, 52.4432, 45.6184



45.6557, 52.4432, 38.5944



42.8764, 52.4432, 70.3665



54.2845, 52.4432, 80.7429

Rectangle

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



57.5320, 52.4432, 45.6184



51.2612, 52.4432, 36.3044



42.8764, 52.4432, 70.3665



48.4564, 52.4432, 84.6260

Sweetspot

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



57.5334, 52.4456, 45.6195



86.4134, 87.7066, 90.6692



62.9113, 52.4234, 80.6395



18.1694, 18.3069, 18.7203



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.



57.5334, 52.4456, 45.6195



64.9097, 56.8613, 46.0074



64.5108, 66.4003, 47.9453



15.1982, 15.3193, 15.6746



19.3147, 10.3236, 0.9747



1.5609, 0.8991, 0.0913

Inverse Universe

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



59.5326, 70.1408, 88.9983



67.7039, 81.6450, 106.7984



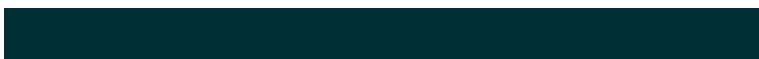
51.6661, 54.4078, 86.3761



15.3687, 16.8238, 19.3596



21.1316, 28.9101, 48.2094



1.6996, 2.3507, 3.7990

Previews

White Background



This preview shows how the XYZ color 57.5320, 52.4432, 45.6184 looks on a white background.

Color Contrast Check

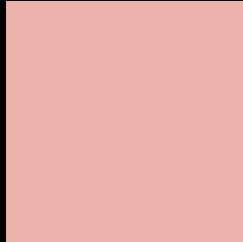
Large Text (above 18pt) WCAG AA × Fail

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 57.5320, 52.4432, 45.6184 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 57.5320, 52.4432, 45.6184

Background



This preview shows how black text looks on a background with the XYZ color 57.5320, 52.4432, 45.6184.



This preview shows how white text looks on a background with the XYZ color 57.5320, 52.4432,

45.6184.

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

57.5320, 52.4432, 45.6184

Protanopia

50.2199, 52.6181, 49.6289

Deuteranopia

53.8181, 52.6603, 45.3581



Tritanopia

59.4403, 52.3386, 55.1136

Trichromacy



Original Color

57.5320, 52.4432, 45.6184

Protanomaly

52.4481, 52.2100, 47.8707

Deuteranomaly

55.0350, 52.3657, 45.2371

Tritanomaly

58.5609, 52.2609, 51.2568

Monochromacy



Original Color

57.5320, 52.4432, 45.6184

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.1406, 53.0669, 53.8965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5320, 52.4432, 45.6184 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(235, 178, 171)` looks like.

```
.text, #text, p{  
    color:rgb(235, 178, 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(235, 178, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 178, 171) }
```

Border

The CSS property to change the border of an element to XYZ 57.5320, 52.4432, 45.6184 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(235, 178, 171) }
```


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

```
.border{ border-color:rgb(235, 178, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 178, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 178, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 178, 171);  
box-shadow:4px 4px 4px 4px rgb(235, 178,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5320, 52.4432, 45.6184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 178, 171) }
```

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

```
.background{ background-color: rgb(235,  
178, 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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