

Converting Colors

XYZ(57.7696, 55.0090, 45.6032)

Have a look what the booklet for
XYZ(57.7696, 55.0090, 45.6032)
contains.

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Color

**XYZ(57.7696, 55.0090,
45.6032)**

Conversions

Conversions Part 1

Format	Color
Hex	E7BAAA
RGB	231, 186, 170
RGB Percent	91%, 73%, 67%
CMY	0.0941, 0.2706, 0.3333
CMYK	0.00, 0.19, 0.26, 0.09
HSL	16°, 56%, 79%
HSV	16°, 26%, 91%
XYZ	57.7696, 55.0090, 45.6032
YIQ	197.6310, 31.9560, 4.5640

Conversions

Conversions Part 2

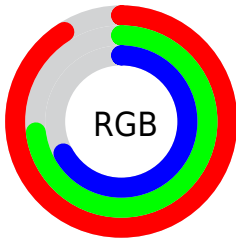
Format	Color
R _Y B	231, 192, 170
Decimal	15186602
CIE Lab	79.05, 13.85, 14.24
CIE LCh	79, 19.863, 45.780
Yxy	55.0090, 0.3647, 0.3473
Android (android.graphics.Color)	4293376682 (0xFFE7BAAA)
YUV	197.6310, -13.6221, 29.2646
Hunter-Lab	74.1681, 9.2398, 15.4624

Details

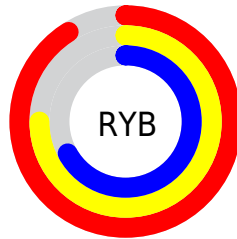
The XYZ color **57.7696, 55.0090, 45.6032** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.3012, 62.9146, 84.8306**, and the grayscale version is **53.5202, 56.3074, 61.3188**.

A 20% lighter version of the original color is **86.5827, 90.2005, 84.0812**, and **29.1131, 27.0817, 20.8324** is the 20% darker color. If you saturate the color by 10%, you get **52.3956, 47.4559, 33.9616**, and if you desaturate by 10%, it is **63.9586, 63.5769, 59.4120**.

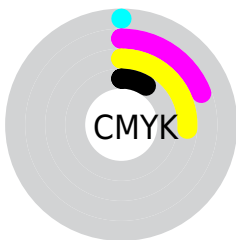
Distribution



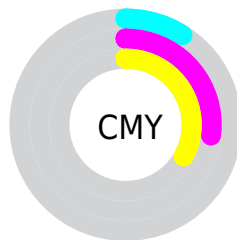
- Red (91%)
- Green (73%)
- Blue (67%)



- Red (91%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7696, 55.0090, 45.6032 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 57.7696, 55.0090, 45.6032 by changing the saturation by 10% instead.


 57.7696, 55.0090,
45.6032

 57.7696, 55.0090,
45.6032


406.2946,
405.9460, 385.4422

 41.8660, 39.4089,
31.5864


 100.7122, 97.5541,
84.9529

 29.1870, 27.0780,
20.7836


128.4818,
125.2680, 111.1228

 19.3673, 17.6318,
12.7762


160.9376,
157.7886, 142.1809

 12.0416, 10.6860,
7.1457

198.4447,
195.5003, 178.5456

 6.8444, 5.8561,
3.4736

241.3686,
238.7875, 220.6356

 3.4104, 2.7578,
1.3412

290.0747,

 1.3743, 1.0066,

288.0346, 268.8693

0.0952

344.9282,
343.6260, 323.6654

■ 0.2378, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7696, 55.0090,
45.6032

■ 57.7696, 55.0090,
45.6032

■ 52.3956, 47.4559,
33.9616

■ 63.9586, 63.5769,
59.4120

■ 47.7971, 40.8720,
24.3729

■ 70.9912, 73.1879,
75.4874

■ 43.9378, 35.2194,
16.7176

■ 78.8997, 83.8788,
93.9269

■ 40.7766, 30.4546,
10.8622

■ 86.4986, 95.1960,
108.4234

■ 38.2680, 26.5304,
6.6560

■ 86.7651, 95.7290,
108.5123

■ 36.3603, 23.3951,
3.9235

■ 34.9918, 20.9895,
2.4455

■ 34.6030, 20.2847,
2.0916

Harmonies

Analogous

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



59.9495, 55.0090, 54.1657



57.7696, 55.0090, 45.6032



54.1749, 55.0090, 41.1664

Triad

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



57.7696, 55.0090, 45.6032



45.2535, 55.0090, 54.7029



54.3799, 55.0090, 83.3944

Complementary

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



57.7696, 55.0090, 45.6032



55.3012, 62.9146, 84.8306

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.



50.4384, 55.0090, 83.5859



57.7696, 55.0090, 45.6032



45.3022, 55.0090, 66.0156

Square

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



57.7696, 55.0090, 45.6032



47.0214, 55.0090, 45.9536



47.1579, 55.0090, 76.8995



57.9261, 55.0090, 76.4055

Rectangle

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



57.7696, 55.0090, 45.6032



51.5223, 55.0090, 40.7344



47.1579, 55.0090, 76.8995



53.0540, 55.0090, 84.2829

Sweetspot

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



57.7711, 55.0115, 45.6043



87.3237, 89.5272, 90.9726



59.6926, 50.6839, 71.4337



18.3969, 18.7619, 18.7961



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.



57.7711, 55.0115, 45.6043



68.2940, 63.2375, 48.3450



64.7030, 68.8754, 47.9150



14.6829, 14.9798, 15.0220



19.4849, 11.5439, 1.2012



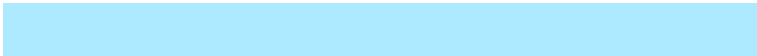
1.5141, 1.0015, 0.1135

Inverse Universe

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



55.3012, 62.9146, 84.8306



64.6786, 74.7627, 105.6295



48.4033, 49.1188, 82.5314



14.4707, 15.6628, 18.4049



16.2924, 19.6468, 45.3167



1.2785, 1.6010, 3.3736

Previews

White Background



This preview shows how the XYZ color 57.7696, 55.0090, 45.6032 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 57.7696, 55.0090, 45.6032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

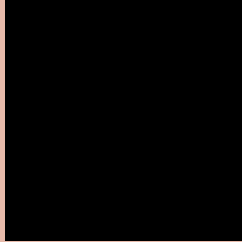
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7696, 55.0090, 45.6032

Background



This preview shows how black text looks on a background with the XYZ color 57.7696, 55.0090, 45.6032.



This preview shows how white text looks on a background with the XYZ color 57.7696, 55.0090,

45.6032.

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

57.7696, 55.0090, 45.6032

Protanopia

52.1548, 54.9627, 48.4175

Deuteranopia

56.0995, 55.1071, 45.2161



Tritanopia

60.6234, 54.9338, 59.6326

Trichromacy



Original Color

57.7696, 55.0090, 45.6032

Protanomaly

54.1240, 55.0125, 47.3010

Deuteranomaly

56.8232, 55.1619, 45.1885

Tritanomaly

59.5074, 54.7785, 54.4506

Monochromacy



Original Color

57.7696, 55.0090, 45.6032

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.9472, 55.9161, 55.4738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7696, 55.0090, 45.6032 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(231, 186, 170)` looks like.

```
.text, #text, p{  
    color:rgb(231, 186, 170)  
}
```

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(231, 186, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 186, 170) }
```

Border

The CSS property to change the border of an element to XYZ 57.7696, 55.0090, 45.6032 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(231, 186, 170) }
```


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

```
.border{ border-color:rgb(231, 186, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 186, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 186, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 186, 170);  
box-shadow:4px 4px 4px 4px rgb(231, 186,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7696, 55.0090, 45.6032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 186, 170) }
```

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

```
.background{ background-color: rgb(231,  
186, 170) }
```

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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