

Converting Colors

XYZ(52.8765, 45.0708, 44.4407)

Have a look what the booklet for
XYZ(52.8765, 45.0708, 44.4407)
contains.

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Color

**XYZ(52.8765, 45.0708,
44.4407)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A0AB
RGB	231, 160, 171
RGB Percent	91%, 63%, 67%
CMY	0.0941, 0.3725, 0.3294
CMYK	0.00, 0.31, 0.26, 0.09
HSL	351°, 60%, 77%
HSV	351°, 31%, 91%
XYZ	52.8765, 45.0708, 44.4407
YIQ	182.4830, 38.7850, 18.4730

Conversions

Conversions Part 2

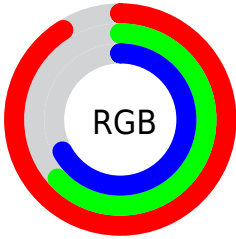
Format	Color
R _Y B	231, 160, 171
Decimal	15179947
CIE Lab	72.94, 27.87, 4.99
CIE LCh	73, 28.311, 10.145
Yxy	45.0708, 0.3714, 0.3165
Android (android.graphics.Color)	4293370027 (0xFFE7A0AB)
YUV	182.4830, -5.6611, 42.5494
Hunter-Lab	67.1348, 23.1037, 7.7466

Details

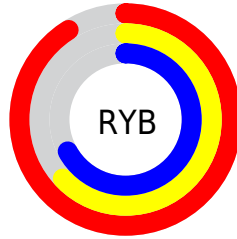
The XYZ color **52.8765, 45.0708, 44.4407** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.9933, 69.7938, 78.2341**, and the grayscale version is **44.7430, 47.0731, 51.2626**.

A 20% lighter version of the original color is **79.2679, 75.3519, 82.3180**, and **26.1479, 21.0557, 20.1388** is the 20% darker color. If you saturate the color by 10%, you get **47.5123, 37.1035, 34.1399**, and if you desaturate by 10%, it is **59.2621, 54.6403, 56.4389**.

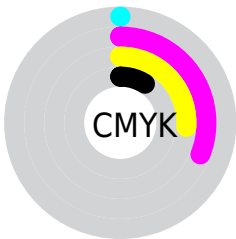
Distribution



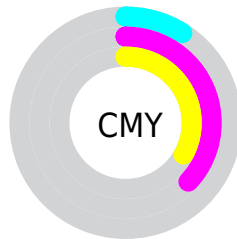
- Red (91%)
- Green (63%)
- Blue (67%)



- Red (91%)
- Yellow (63%)
- Blue (67%)



- Cyan (0%)
- Magenta (31%)
- Yellow (26%)
- Black (9%)





- Cyan (9%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8765, 45.0708, 44.4407 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 52.8765, 45.0708, 44.4407 by changing the saturation by 10% instead.


 52.8765, 45.0708,
44.4407


 52.8765, 45.0708,
44.4407


388.0797,
367.0602, 380.5975

 37.9313, 31.5132,
30.6774


 93.5892, 82.8266,
83.1900

 26.1063, 20.9899,
20.0969


 120.0874,
107.7937, 109.0131

 17.0363, 13.1167,
12.2807


151.1673,
137.3326, 139.6932

 10.3558, 7.5089,
6.8103

187.1943,
171.8279, 175.6488

 5.6996, 3.7824,
3.2671

228.5336,
211.6639, 217.2985

 2.7022, 1.5526,
1.2326

275.5508,

 0.9983, 0.3253,

257.2251, 265.0608

0.0056

328.6110,
308.8957, 319.3543

■ 0.0000, 0.0000,
0.0000

■ 52.8765, 45.0708,
44.4407

■ 52.8765, 45.0708,
44.4407

■ 47.5123, 37.1035,
34.1399

■ 59.2621, 54.6403,
56.4389

■ 43.1124, 30.6446,
25.4568

■ 66.7146, 65.8862,
70.2038

■ 39.6200, 25.6005,
18.3094

■ 75.2815, 78.8860,
85.8042

■ 36.9703, 21.8644,
12.6071

■ 85.0062, 93.7103,
103.3044

■ 35.0903, 19.3145,
8.2498

■ 86.7651, 95.7290,
108.5123

■ 33.8935, 17.8054,
5.1240

■ 33.2702, 17.1150,
3.2012

Harmonies

Analogous

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



52.3995, 45.0708, 58.8971



52.8765, 45.0708, 44.4407



50.5106, 45.0708, 33.5533

Triad

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



52.8765, 45.0708, 44.4407



37.0062, 45.0708, 31.0913



39.6952, 45.0708, 79.3361

Complementary

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



52.8765, 45.0708, 44.4407



55.9933, 69.7938, 78.2341

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.



35.9854, 45.0708, 68.7675



52.8765, 45.0708, 44.4407



34.5175, 45.0708, 40.4095

Square

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



52.8765, 45.0708, 44.4407



41.1884, 45.0708, 26.8864



34.1587, 45.0708, 54.0196



44.5320, 45.0708, 80.9877

Rectangle

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



52.8765, 45.0708, 44.4407



47.7388, 45.0708, 29.0738



34.1587, 45.0708, 54.0196



38.2854, 45.0708, 76.6245

Sweetspot

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



52.8777, 45.0729, 44.4416



85.1936, 85.0345, 90.9790



56.2597, 45.9993, 81.5152



17.9172, 17.7198, 18.8915



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.



52.8777, 45.0729, 44.4416



61.6875, 49.7330, 47.0409



56.3730, 53.6716, 40.6488



14.4675, 14.4042, 15.3964



18.6804, 9.6064, 1.9461



1.4085, 0.7211, 0.2918

Inverse Universe

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



52.8777, 45.0729, 44.4416



61.6875, 49.7330, 47.0409



51.3164, 58.0321, 84.0983



14.4675, 14.4042, 15.3964



18.6804, 9.6064, 1.9461



1.4085, 0.7211, 0.2918

Previews

White Background



This preview shows how the XYZ color 52.8765, 45.0708, 44.4407 looks on a white background.

Color Contrast Check

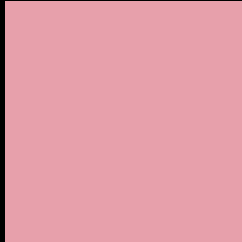
Large Text (above 18pt) WCAG AA × Fail

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 52.8765, 45.0708, 44.4407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

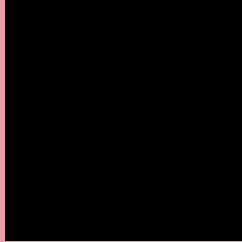
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8765, 45.0708, 44.4407

Background



This preview shows how black text looks on a background with the XYZ color 52.8765, 45.0708, 44.4407.



This preview shows how white text looks on a background with the XYZ color 52.8765, 45.0708,

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

52.8765, 45.0708, 44.4407

Protanopia

43.5523, 45.1221, 50.1300

Deuteranopia

46.1924, 45.1692, 43.8200



Tritanopia

52.9722, 45.1091, 44.9447

Trichromacy



Original Color

52.8765, 45.0708, 44.4407

Protanomaly

46.3181, 44.5795, 47.7584

Deuteranomaly

48.4097, 44.9046, 44.1462

Tritanomaly

52.9722, 45.1091, 44.9447

Monochromacy



Original Color

52.8765, 45.0708, 44.4407

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.9914, 45.7658, 48.4765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8765, 45.0708, 44.4407 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, 160, 171)` looks like.

```
.text, #text, p{  
    color:rgb(231, 160, 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(231, 160, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 160, 171) }
```

Border

The CSS property to change the border of an element to XYZ 52.8765, 45.0708, 44.4407 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, 160, 171) }
```


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

```
.border{ border-color:rgb(231, 160, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 160, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 160, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 160, 171); box-shadow:4px 4px 4px 4px rgb(231, 160, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8765, 45.0708, 44.4407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 160, 171) }
```

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

```
.background{ background-color: rgb(231,  
160, 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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