

Converting Colors

XYZ(52.3650, 44.0450, 44.2724)

Have a look what the booklet for
XYZ(52.3650, 44.0450, 44.2724)
contains.

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Color

**XYZ(52.3627, 44.0431,
44.2694)**

Conversions

Conversions Part 1

Format	Color
Hex	E79DAB
RGB	231, 157, 171
RGB Percent	91%, 62%, 67%
CMY	0.0941, 0.3843, 0.3294
CMYK	0.00, 0.32, 0.26, 0.09
HSL	349°, 61%, 76%
HSV	349°, 32%, 91%
XYZ	52.3627, 44.0431, 44.2694
YIQ	180.7220, 39.6100, 20.0420

Conversions

Conversions Part 2

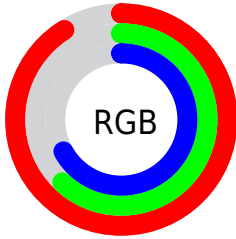
Format	Color
R _Y B	231, 157, 171
Decimal	15179179
CIE Lab	72.26, 29.47, 4.00
CIE LCh	72, 29.739, 7.736
Yxy	44.0431, 0.3722, 0.3131
Android (android.graphics.Color)	4293369259 (0xFFE79DAB)
YUV	180.7220, -4.7929, 44.0938
Hunter-Lab	66.3650, 24.6998, 6.9055

Details

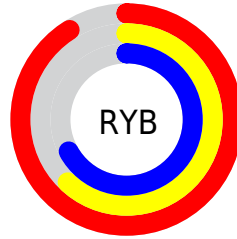
The XYZ color **52.3627, 44.0431, 44.2694** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.0069, 69.3309, 76.1322**, and the grayscale version is **43.7820, 46.0620, 50.1616**.

A 20% lighter version of the original color is **78.5110, 73.8380, 82.0657**, and **25.8369, 20.4337, 20.0351** is the 20% darker color. If you saturate the color by 10%, you get **47.1569, 36.2890, 34.3409**, and if you desaturate by 10%, it is **58.5628, 53.3802, 55.7786**.

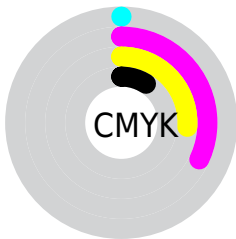
Distribution



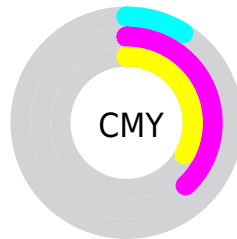
- Red (91%)
- Green (62%)
- Blue (67%)



- Red (91%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (32%)
- Yellow (26%)
- Black (9%)





- Cyan (9%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3627, 44.0431, 44.2694 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 52.3627, 44.0431, 44.2694 by changing the saturation by 10% instead.


 52.3627, 44.0431,
44.2694


 52.3627, 44.0431,
44.2694


386.1362,
362.8841, 379.8800

 37.5197, 30.7044,
30.5436


 92.8370, 81.2826,
82.9298

 25.7856, 20.3739,
19.9960


 119.1990,
105.9522, 108.7014

 16.7952, 12.6671,
12.2081


150.1313,
135.1675, 139.3254

 10.1830, 7.1997,
6.7613

185.9994,
169.3130, 175.2204

 5.5836, 3.5873,
3.2371

227.1686,
208.7730, 216.8047

 2.6318, 1.4455,
1.2169

274.0043,

 0.9622, 0.2499,

253.9319, 264.4971

0.0000

326.8717,
305.1742, 318.7160

■ 0.0000, 0.0000,
0.0000

■ 52.3627, 44.0431,
44.2694

■ 52.3627, 44.0431,
44.2694

■ 47.1569, 36.2890,
34.3409

■ 58.5628, 53.3802,
55.7786

■ 42.8894, 30.0239,
25.9208

■ 65.8020, 64.3750,
68.9310

■ 39.5043, 25.1536,
18.9349

■ 74.1267, 77.1050,
83.7892

■ 36.9378, 21.5704,
13.3017

■ 83.5795, 91.6408,
100.4115

■ 35.1176, 19.1508,
8.9311

■ 86.7652, 95.7290,
108.5123

■ 33.9576, 17.7467,
5.7213

■ 33.4041, 17.1686,
3.9059

Harmonies

Analogous

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



51.6203, 44.0431, 59.4162



52.3627, 44.0431, 44.2694



50.1155, 44.0431, 32.7237

Triad

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



52.3627, 44.0431, 44.2694



36.1360, 44.0431, 28.9796



38.2512, 44.0431, 78.9655

Complementary

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



52.3627, 44.0431, 44.2694



55.0069, 69.3309, 76.1322

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.



34.5678, 44.0431, 67.3036



52.3627, 44.0431, 44.2694



33.4176, 44.0431, 38.0722

Square

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



52.3627, 44.0431, 44.2694



40.5540, 44.0431, 25.1421



32.8677, 44.0431, 51.8406



43.1971, 44.0431, 81.5594

Rectangle

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



52.3627, 44.0431, 44.2694



47.3241, 44.0431, 27.8930



32.8677, 44.0431, 51.8406



36.8366, 44.0431, 75.8760

Sweetspot

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



52.3639, 44.0452, 44.2703



84.2956, 83.5348, 89.7665



54.8603, 44.5151, 81.3026



17.7432, 17.4230, 18.6758



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.



52.3639, 44.0452, 44.2703



61.3628, 48.8994, 47.5009



55.2025, 51.7456, 38.9792



14.4878, 14.4123, 15.5032



18.7603, 9.6384, 2.3670



1.4181, 0.7249, 0.3422

Inverse Universe

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



52.3639, 44.0452, 44.2703



61.3628, 48.8994, 47.5009



51.0816, 58.4421, 84.1900



14.4878, 14.4123, 15.5032



18.7603, 9.6384, 2.3670



1.4181, 0.7249, 0.3422

Previews

White Background



This preview shows how the XYZ color 52.3627, 44.0431, 44.2694 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 52.3627, 44.0431, 44.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

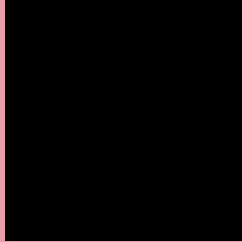
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3627, 44.0431, 44.2694

Background



This preview shows how black text looks on a background with the XYZ color 52.3627, 44.0431, 44.2694.



This preview shows how white text looks on a background with the XYZ color 52.3627, 44.0431,

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

52.3627, 44.0431, 44.2694

Protanopia

42.7560, 44.4054, 50.5736

Deuteranopia

45.1091, 44.3380, 43.2264



Tritanopia

52.1734, 43.9674, 43.2728

Trichromacy



Original Color

52.3627, 44.0431, 44.2694

Protanomaly

45.6993, 43.9696, 48.1978

Deuteranomaly

47.5585, 44.2036, 43.5617

Tritanomaly

52.2677, 44.0051, 43.7692

Monochromacy



Original Color

52.3627, 44.0431, 44.2694

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.2415, 44.8215, 47.8092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3627, 44.0431, 44.2694 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, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(231, 157, 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, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 157, 171) }
```

Border

The CSS property to change the border of an element to XYZ 52.3627, 44.0431, 44.2694 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, 157, 171) }
```


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

```
.border{ border-color:rgb(231, 157, 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, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 157, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 157, 171);  
box-shadow:4px 4px 4px 4px rgb(231, 157,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3627, 44.0431, 44.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 157, 171) }
```

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

```
.background{ background-color: rgb(231,  
157, 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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