

Converting Colors

XYZ(55.0279, 45.0262, 44.9647)

Have a look what the booklet for
XYZ(55.0279, 45.0262, 44.9647)
contains.

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Color

**XYZ(54.7643, 44.7720,
44.7852)**

Conversions

Conversions Part 1

Format	Color
Hex	EF9BAC
RGB	239, 155, 172
RGB Percent	94%, 61%, 67%
CMY	0.0627, 0.3921, 0.3255
CMYK	0.00, 0.35, 0.28, 0.06
HSL	348°, 72%, 77%
HSV	348°, 35%, 94%
XYZ	54.7643, 44.7720, 44.7852
YIQ	182.0540, 44.6070, 23.0950

Conversions

Conversions Part 2

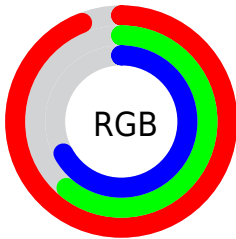
Format	Color
R _Y B	239, 155, 172
Decimal	15702956
CIE Lab	72.74, 33.55, 4.26
CIE LCh	73, 33.824, 7.244
Yxy	44.7720, 0.3795, 0.3102
Android (android.graphics.Color)	4293893036 (0xFFEF9BAC)
YUV	182.0540, -4.9566, 49.9416
Hunter-Lab	66.9119, 28.9983, 7.1546

Details

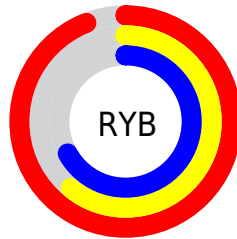
The XYZ color **54.7643, 44.7720, 44.7852** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.5708, 73.9764, 80.3556**, and the grayscale version is **44.5031, 46.8207, 50.9878**.

A 20% lighter version of the original color is **78.1517, 72.8992, 82.6250**, and **27.2965, 20.8803, 20.3609** is the 20% darker color. If you saturate the color by 10%, you get **49.4718, 36.9097, 34.6265**, and if you desaturate by 10%, it is **61.1091, 54.3179, 56.5915**.

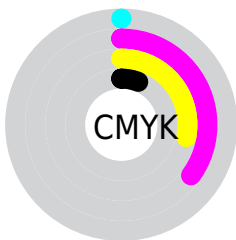
Distribution



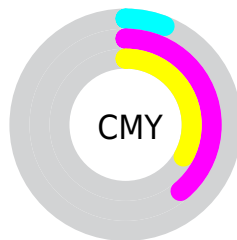
- Red (94%)
- Green (61%)
- Blue (67%)



- Red (94%)
- Yellow (61%)
- Blue (67%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (6%)





- Cyan (6%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7643, 44.7720, 44.7852 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 54.7643, 44.7720, 44.7852 by changing the saturation by 10% instead.


 54.7643, 44.7720,
44.7852


 54.7643, 44.7720,
44.7852


395.1688,
365.8494, 382.0376

 39.4461, 31.2779,
30.9466

 96.3459, 82.3782,
83.7130

 27.2893, 20.8105,
20.3000


 123.3400,
107.2590, 109.6393

 17.9283, 12.9856,
12.4271

154.9568,
136.7042, 140.4318

 10.9979, 7.4186,
6.9092

191.5617,
171.0981, 176.5092

 6.1327, 3.7253,
3.3278

233.5200,
210.8252, 218.2899

 2.9674, 1.5211,
1.2643

281.1970,

 1.1365, 0.3035,

256.2699, 266.1925

0.0323

334.9582,
307.8165, 320.6356

■ 0.0553, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7643, 44.7720,
44.7852

■ 54.7643, 44.7720,
44.7852

■ 49.4718, 36.9097,
34.6265

■ 61.1091, 54.3179,
56.5915

■ 45.1701, 30.6269,
26.0386

■ 68.5559, 65.6308,
70.1122

■ 41.7969, 25.8176,
18.9423

■ 77.1554, 78.7964,
85.4134

■ 39.2811, 22.3604,
13.2503

■ 86.9543, 93.8928,
102.5571

■ 37.5409, 20.1141,
8.8658

■ 89.4066, 97.0907,
108.6359

■ 36.4773, 18.9058,
5.6785

■ 36.1375, 18.5671,
4.5143

Harmonies

Analogous

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



53.8365, 44.7720, 62.3549



54.7643, 44.7720, 44.7852



52.1886, 44.7720, 31.6836

Triad

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



54.7643, 44.7720, 44.7852



36.0815, 44.7720, 27.2755



38.3354, 44.7720, 85.0537

Complementary

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



54.7643, 44.7720, 44.7852



57.5708, 73.9764, 80.3556

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.



34.1855, 44.7720, 71.0502



54.7643, 44.7720, 44.7852



32.9701, 44.7720, 37.2821

Square

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



54.7643, 44.7720, 44.7852



41.1469, 44.7720, 23.1961



32.3093, 44.7720, 52.9402



43.9938, 44.7720, 88.3693

Rectangle

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



54.7643, 44.7720, 44.7852



48.9594, 44.7720, 26.3015



32.3093, 44.7720, 52.9402



36.7340, 44.7720, 81.3064

Sweetspot

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



54.7655, 44.7741, 44.7861



83.3499, 82.0326, 88.2514



57.0608, 45.0178, 87.3433



17.5565, 17.1243, 18.3829



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.



54.7655, 44.7741, 44.7861



59.0293, 45.2945, 43.4488



57.5945, 52.8794, 38.1843



15.9036, 15.8111, 17.0484



20.0077, 10.2755, 2.6914



1.6989, 0.8686, 0.4055

Inverse Universe

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



54.7655, 44.7741, 44.7861



59.0293, 45.2945, 43.4488



53.4507, 61.9049, 90.7931



15.9036, 15.8111, 17.0484



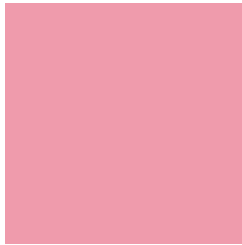
20.0077, 10.2755, 2.6914



1.6989, 0.8686, 0.4055

Previews

White Background



This preview shows how the XYZ color 54.7643, 44.7720, 44.7852 looks on a white background.

Color Contrast Check

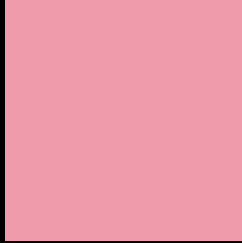
Large Text (above 18pt) WCAG AA × Fail

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 54.7643, 44.7720, 44.7852 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 54.7643, 44.7720, 44.7852

Background



This preview shows how black text looks on a background with the XYZ color 54.7643, 44.7720, 44.7852.



This preview shows how white text looks on a background with the XYZ color 54.7643, 44.7720,

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

54.7643, 44.7720, 44.7852

Protanopia

43.4997, 45.0469, 52.3012

Deuteranopia

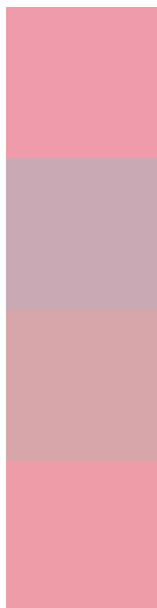
45.9244, 45.0311, 43.8075



Tritanopia

54.5530, 44.9548, 42.8477

Trichromacy



Original Color

54.7643, 44.7720, 44.7852

Protanomaly

46.7003, 44.4622, 49.3007

Deuteranomaly

48.6235, 44.4709, 44.0512

Tritanomaly

54.6465, 44.9922, 43.3403

Monochromacy



Original Color

54.7643, 44.7720, 44.7852

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.4170, 45.4159, 48.3865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7643, 44.7720, 44.7852 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(239, 155, 172)` looks like.

```
.text, #text, p{  
    color:rgb(239, 155, 172)  
}
```

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(239, 155, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 155, 172) }
```

Border

The CSS property to change the border of an element to XYZ 54.7643, 44.7720, 44.7852 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(239, 155, 172) }
```


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

```
.border{ border-color:rgb(239, 155, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 155, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 155, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 155, 172);  
box-shadow:4px 4px 4px 4px rgb(239, 155,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7643, 44.7720, 44.7852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 155, 172) }
```

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

```
.background{ background-color: rgb(239,  
155, 172) }
```

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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