

Converting Colors

XYZ(54.3141, 44.2318, 47.9388)

Have a look what the booklet for
XYZ(54.3141, 44.2318, 47.9388)
contains.

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Color

**XYZ(54.1836, 44.1584,
47.7871)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9AB2
RGB	236, 154, 178
RGB Percent	93%, 60%, 70%
CMY	0.0745, 0.3961, 0.3020
CMYK	0.00, 0.35, 0.25, 0.07
HSL	342°, 68%, 76%
HSV	342°, 35%, 93%
XYZ	54.1836, 44.1584, 47.7871
YIQ	181.2540, 41.1680, 24.8480

Conversions

Conversions Part 2

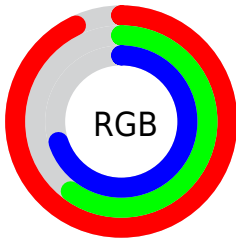
Format	Color
R _Y B	236, 154, 178
Decimal	15506098
CIE Lab	72.33, 33.83, 0.31
CIE LCh	72, 33.835, 0.527
Yxy	44.1584, 0.3708, 0.3022
Android (android.graphics.Color)	4293696178 (0xFFEC9AB2)
YUV	181.2540, -1.6042, 48.0122
Hunter-Lab	66.4518, 29.2551, 3.8794

Details

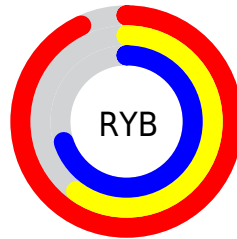
The XYZ color **54.1836, 44.1584, 47.7871** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.2075, 71.6156, 73.2044**, and the grayscale version is **44.0523, 46.3464, 50.4712**.

A 20% lighter version of the original color is **78.8917, 72.8014, 87.7359**, and **27.0434, 20.5671, 21.9465** is the 20% darker color. If you saturate the color by 10%, you get **49.0892, 36.4905, 38.3166**, and if you desaturate by 10%, it is **60.2502, 53.4435, 58.5890**.

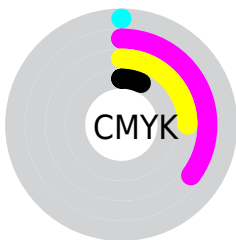
Distribution



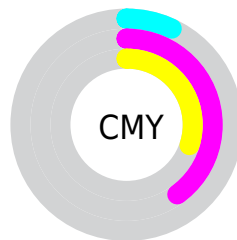
- Red (93%)
- Green (60%)
- Blue (70%)



- Red (93%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (35%)
- Yellow (25%)
- Black (7%)





- Cyan (7%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1836, 44.1584, 47.7871 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 54.1836, 44.1584, 47.7871 by changing the saturation by 10% instead.


 54.1836, 44.1584,
47.7871


 54.1836, 44.1584,
47.7871

392.9967,
363.3543, 394.4320

 38.9797, 30.7951,
33.2995

 95.4991, 81.4560,
88.2496

 26.9246, 20.4428,
22.0830


 122.3414,
106.1591, 115.0616

 17.6529, 12.7174,
13.7190


153.7939,
135.4109, 146.8188

 10.7993, 7.2342,
7.7890

190.2219,
169.5958, 183.9397

 5.9983, 3.6090,
3.8744

231.9909,
209.0982, 226.8430

 2.8847, 1.4573,
1.5567

279.4661,

 1.0931, 0.2584,

254.3025, 275.9471

0.2596

333.0129,
305.5930, 331.6706

■ 0.0193, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1836, 44.1584,
47.7871

■ 54.1836, 44.1584,
47.7871

■ 49.0892, 36.4905,
38.3166

■ 60.2502, 53.4435,
58.5890

■ 44.9108, 30.3403,
30.1213

■ 67.3336, 64.4250,
70.7700

■ 41.5923, 25.6074,
23.1450

■ 75.4801, 77.1846,
84.3784

■ 39.0693, 22.1762,
17.3256

■ 84.7319, 91.7966,
99.4595

■ 37.2677, 19.9128,
12.5947

■ 88.4023, 96.5730,
108.5889

■ 36.0981, 18.6536,
8.8754

■ 35.6685, 18.2634,
7.2859

Harmonies

Analogous

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



52.4854, 44.1584, 65.6339



54.1836, 44.1584, 47.7871



52.3661, 44.1584, 33.5718

Triad

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



54.1836, 44.1584, 47.7871



36.5405, 44.1584, 25.4231



36.7031, 44.1584, 81.7223

Complementary

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



54.1836, 44.1584, 47.7871



55.2075, 71.6156, 73.2044

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.



33.0519, 44.1584, 66.2636



54.1836, 44.1584, 47.7871



32.9643, 44.1584, 33.9749

Square

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



54.1836, 44.1584, 47.7871



41.8685, 44.1584, 22.6288



31.7473, 44.1584, 48.3761



42.0741, 44.1584, 87.7702

Rectangle

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



54.1836, 44.1584, 47.7871



49.4938, 44.1584, 27.3444



31.7473, 44.1584, 48.3761



35.2523, 44.1584, 77.3015

Sweetspot

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



54.1848, 44.1605, 47.7880



84.6784, 83.6880, 91.7823



53.6763, 43.0777, 84.8432



17.8353, 17.4598, 19.1604



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.



54.1848, 44.1605, 47.7880



59.9754, 45.6729, 48.4310



54.8762, 49.0677, 37.1531



15.2468, 15.1266, 16.5849



19.7100, 10.0867, 4.2742



1.5884, 0.8083, 0.5497

Inverse Universe

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



54.1848, 44.1605, 47.7880



59.9754, 45.6729, 48.4310



53.9567, 63.9043, 88.8483



15.2468, 15.1266, 16.5849



19.7100, 10.0867, 4.2742



1.5884, 0.8083, 0.5497

Previews

White Background



This preview shows how the XYZ color 54.1836, 44.1584, 47.7871 looks on a white background.

Color Contrast Check

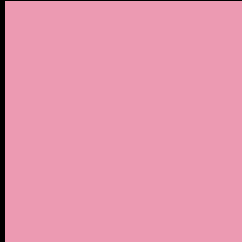
Large Text (above 18pt) WCAG AA × Fail

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 54.1836, 44.1584, 47.7871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

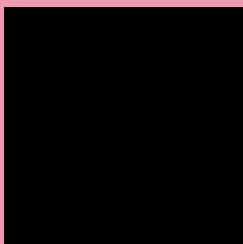
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1836, 44.1584, 47.7871

Background



This preview shows how black text looks on a background with the XYZ color 54.1836, 44.1584, 47.7871.



This preview shows how white text looks on a background with the XYZ color 54.1836, 44.1584,

47.7871.

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

54.1836, 44.1584, 47.7871

Protanopia

43.2576, 44.5530, 55.6099

Deuteranopia

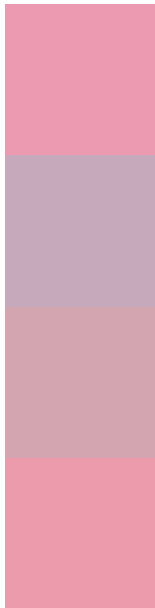
45.2553, 44.3360, 46.7299



Tritanopia

53.2173, 44.2663, 42.7852

Trichromacy



Original Color

54.1836, 44.1584, 47.7871

Protanomaly

46.3396, 43.9269, 52.4907

Deuteranomaly

48.1556, 43.8937, 47.0086

Tritanomaly

53.4287, 44.0834, 44.7227

Monochromacy



Original Color

54.1836, 44.1584, 47.7871

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.8885, 44.8386, 49.3634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1836, 44.1584, 47.7871 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(236, 154, 178)` looks like.

```
.text, #text, p{  
    color:rgb(236, 154, 178)  
}
```

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(236, 154, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 154, 178) }
```

Border

The CSS property to change the border of an element to XYZ 54.1836, 44.1584, 47.7871 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(236, 154, 178) }
```


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

```
.border{ border-color:rgb(236, 154, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 154, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 154, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 154, 178);  
box-shadow:4px 4px 4px 4px rgb(236, 154,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1836, 44.1584, 47.7871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 154, 178) }
```

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

```
.background{ background-color: rgb(236,  
154, 178) }
```

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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