

Converting Colors

XYZ(51.4274, 44.0674, 44.3234)

Have a look what the booklet for
XYZ(51.4274, 44.0674, 44.3234)
contains.

XYZ(51.4274, 44.0674, 44.3234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.4274, 44.0674,
44.3234)**

Conversions

Conversions Part 1

Format	Color
Hex	E39FAB
RGB	227, 159, 171
RGB Percent	89%, 62%, 67%
CMY	0.1098, 0.3764, 0.3294
CMYK	0.00, 0.30, 0.25, 0.11
HSL	349°, 55%, 76%
HSV	349°, 30%, 89%
XYZ	51.4274, 44.0674, 44.3234
YIQ	180.7000, 36.6760, 18.1480

Conversions

Conversions Part 2

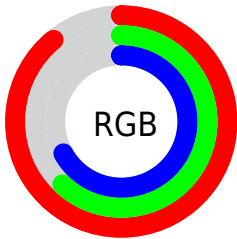
Format	Color
R_{YB}	227, 159, 171
Decimal	14917547
CIE _{Lab}	72.27, 26.94, 3.97
CIE _{LCh}	72, 27.234, 8.384
Yxy	44.0674, 0.3678, 0.3152
Android (android.graphics.Color)	4293107627 (0xFFE39FAB)
YUV	180.7000, -4.7821, 40.6051
Hunter-Lab	66.3833, 22.1139, 6.8810

Details

The XYZ color **51.4274, 44.0674, 44.3234** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.0348, 67.2165, 74.4195**, and the grayscale version is **43.7711, 46.0506, 50.1492**.

A 20% lighter version of the original color is **79.0140, 74.8441, 82.2334**, and **25.1650, 20.3933, 20.0627** is the 20% darker color. If you saturate the color by 10%, you get **46.2186, 36.3025, 34.4083**, and if you desaturate by 10%, it is **57.6076, 53.3708, 55.8068**.

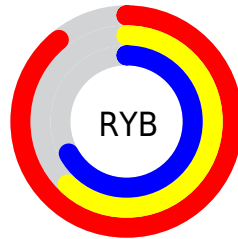
Distribution



Red (89%)

Green (62%)

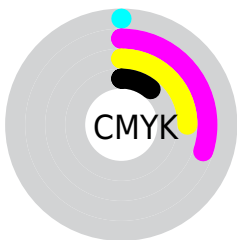
Blue (67%)



Red (89%)

Yellow (62%)

Blue (67%)

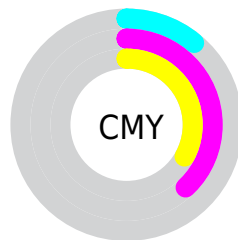


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (11%)



Cyan (11%)

Magenta (38%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4274, 44.0674, 44.3234 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 51.4274, 44.0674, 44.3234 by changing the saturation by 10% instead.


 51.4274, 44.0674,
44.3234


 51.4274, 44.0674,
44.3234


382.5824,
362.9832, 380.1063

 36.7713, 30.7235,
30.5858


 91.4655, 81.3192,
83.0118

 25.2033, 20.3884,
20.0278


 117.5781,
105.9958, 108.7997

 16.3581, 12.6777,
12.2310

148.2404,
135.2188, 139.4414

 9.8704, 7.2070,
6.7767

183.8175,
169.3726, 175.3555

 5.3747, 3.5919,
3.2466

224.6749,
208.8415, 216.9604

 2.5058, 1.4480,
1.2219

271.1780,

 0.8982, 0.2517,

254.0100, 264.6749

0.0000

323.6920,
305.2625, 318.9173

■ 0.0000, 0.0000,
0.0000

■ 51.4274, 44.0674,
44.3234

■ 51.4274, 44.0674,
44.3234

■ 46.2186, 36.3025,
34.4083

■ 57.6076, 53.3708,
55.8068

■ 41.9276, 29.9872,
25.9903

■ 64.8016, 64.2832,
68.9200

■ 38.5014, 25.0328,
18.9966

■ 73.0539, 76.8778,
83.7247

■ 35.8798, 21.3387,
13.3471

■ 82.4052, 91.2220,
100.2782

■ 33.9947, 18.7898,
8.9537

■ 85.4887, 95.0710,
108.4525

■ 32.7663, 17.2501,
5.7171

■ 32.0652, 16.4874,
3.5118

■ 32.0625, 16.4845,
3.5036

Harmonies

Analogous

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



50.8148, 44.0674, 58.1099



51.4274, 44.0674, 44.3234



49.3377, 44.0674, 33.6994

Triad

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



51.4274, 44.0674, 44.3234



36.5447, 44.0674, 30.4909



38.6581, 44.0674, 76.1327

Complementary

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



51.4274, 44.0674, 44.3234



54.0348, 67.2165, 74.4195

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.



35.2229, 44.0674, 65.8185



51.4274, 44.0674, 44.3234



34.0674, 44.0674, 39.1049

Square

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



51.4274, 44.0674, 44.3234



40.5870, 44.0674, 26.7444



33.6022, 44.0674, 51.8364



43.2098, 44.0674, 78.2416

Rectangle

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



51.4274, 44.0674, 44.3234



46.7786, 44.0674, 29.2198



33.6022, 44.0674, 51.8364



37.3446, 44.0674, 73.4289

Sweetspot

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



51.4286, 44.0695, 44.3243



85.2654, 85.0633, 91.3570



54.1522, 44.7210, 78.4514



17.9348, 17.7268, 18.9839



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.



51.4286, 44.0695, 44.3243



62.5495, 50.7962, 49.3656



54.3672, 51.6943, 39.9159



14.4803, 14.4093, 15.4635



18.7289, 9.6258, 2.2013



1.4145, 0.7235, 0.3235

Inverse Universe

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



51.4286, 44.0695, 44.3243



62.5495, 50.7962, 49.3656



50.1080, 56.8049, 80.9969



14.4803, 14.4093, 15.4635



18.7289, 9.6258, 2.2013



1.4145, 0.7235, 0.3235

Previews

White Background



This preview shows how the XYZ color 51.4274, 44.0674, 44.3234 looks on a white background.

Color Contrast Check

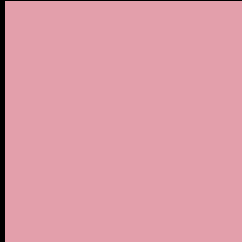
Large Text (above 18pt) WCAG AA × Fail

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 51.4274, 44.0674, 44.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

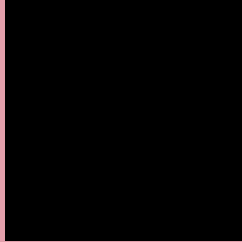
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4274, 44.0674, 44.3234

Background



This preview shows how black text looks on a background with the XYZ color 51.4274, 44.0674, 44.3234.



This preview shows how white text looks on a background with the XYZ color 51.4274, 44.0674,

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

51.4274, 44.0674, 44.3234

Protanopia

42.8850, 44.4838, 50.0420

Deuteranopia

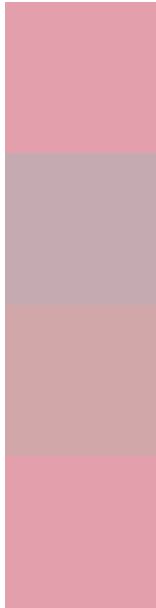
45.2027, 44.3754, 43.7190



Tritanopia

51.4274, 44.0674, 44.3234

Trichromacy



Original Color

51.4274, 44.0674, 44.3234

Protanomaly

45.3365, 43.7941, 47.6586

Deuteranomaly

47.3689, 44.0950, 44.0448

Tritanomaly

51.4274, 44.0674, 44.3234

Monochromacy



Original Color

51.4274, 44.0674, 44.3234

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.1681, 45.0672, 47.8605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4274, 44.0674, 44.3234 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(227, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(227, 159, 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(227, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 171) }
```

Border

The CSS property to change the border of an element to XYZ 51.4274, 44.0674, 44.3234 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(227, 159, 171) }
```


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

```
.border{ border-color:rgb(227, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(227, 159,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4274, 44.0674, 44.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 159, 171) }
```

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

```
.background{ background-color: rgb(227,  
159, 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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