

Converting Colors

XYZ(51.4941, 44.0283, 48.5783)

Have a look what the booklet for
XYZ(51.4941, 44.0283, 48.5783)
contains.

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Color

**XYZ(51.5862, 44.0585,
48.4331)**

Conversions

Conversions Part 1

Format	Color
Hex	E19FB3
RGB	225, 159, 179
RGB Percent	88%, 62%, 70%
CMY	0.1176, 0.3764, 0.2980
CMYK	0.00, 0.29, 0.20, 0.12
HSL	342°, 52%, 75%
HSV	342°, 29%, 88%
XYZ	51.5862, 44.0585, 48.4331
YIQ	181.0140, 32.9160, 20.2120

Conversions

Conversions Part 2

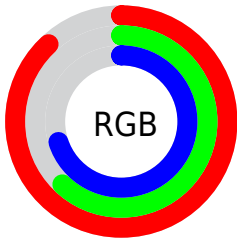
Format	Color
R _Y B	225, 159, 179
Decimal	14786483
CIE Lab	72.27, 27.39, -0.49
CIE LCh	72, 27.392, 358.984
Yxy	44.0585, 0.3580, 0.3058
Android (android.graphics.Color)	4292976563 (0xFFE19FB3)
YUV	181.0140, -0.9929, 38.5757
Hunter-Lab	66.3766, 22.5667, 3.2014

Details

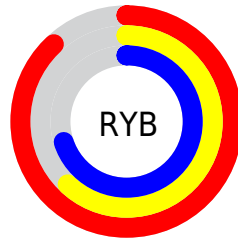
The XYZ color **51.5862, 44.0585, 48.4331** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2446, 65.6303, 67.6752**, and the grayscale version is **43.9223, 46.2097, 50.3224**.

A 20% lighter version of the original color is **80.2820, 75.3513, 88.9102**, and **25.3858, 20.4568, 22.3492** is the 20% darker color. If you saturate the color by 10%, you get **46.5665, 36.4145, 39.3744**, and if you desaturate by 10%, it is **57.4930, 53.1872, 58.6786**.

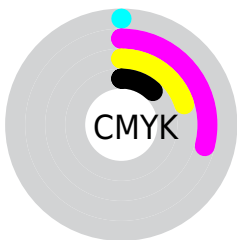
Distribution



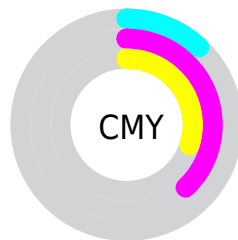
- Red (88%)
- Green (62%)
- Blue (70%)



- Red (88%)
- Yellow (62%)
- Blue (70%)



- Cyan (0%)
- Magenta (29%)
- Yellow (20%)
- Black (12%)





- Cyan (12%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5862, 44.0585, 48.4331 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 51.5862, 44.0585, 48.4331 by changing the saturation by 10% instead.


 51.5862, 44.0585,
48.4331


 51.5862, 44.0585,
48.4331


383.1873,
362.9469, 397.0644

 36.8983, 30.7165,
33.8076


 91.6985, 81.3058,
89.2211

 25.3021, 20.3831,
22.4696


 117.8537,
105.9798, 116.2207

 16.4322, 12.6738,
14.0008


148.5619,
135.2000, 148.1821

 9.9233, 7.2043,
7.9825

184.1886,
169.3508, 185.5238

 5.4100, 3.5902,
3.9961

225.0991,
208.8164, 228.6643

 2.5270, 1.4471,
1.6232

271.6589,

 0.9089, 0.2510,

253.9814, 278.0222

0.3073

324.2331,
305.2301, 334.0161

■ 0.0000, 0.0000,
0.0000

■ 51.5862, 44.0585,
48.4331

■ 51.5862, 44.0585,
48.4331

■ 46.5665, 36.4145,
39.3744

■ 57.4930, 53.1872,
58.6786

■ 42.3860, 30.1701,
31.4553

■ 64.3244, 63.8675,
70.1501

■ 38.9976, 25.2412,
24.6294

■ 72.1199, 76.1695,
82.8883

■ 36.3481, 21.5318,
18.8457

■ 80.9159, 90.1573,
96.9314

■ 34.3772, 18.9329,
14.0486

■ 84.8616, 94.7477,
108.4232

■ 33.0142, 17.3155,
10.1765

■ 32.1490, 16.4728,
7.1514

■ 32.1002, 16.4271,
6.9753

Harmonies

Analogous

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



50.1159, 44.0585, 62.5960



51.5862, 44.0585, 48.4331



50.2970, 44.0585, 36.4833

Triad

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



51.5862, 44.0585, 48.4331



37.6447, 44.0585, 28.6934



37.3865, 44.0585, 73.7725

Complementary

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



51.5862, 44.0585, 48.4331



52.2446, 65.6303, 67.6752

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.



34.4522, 44.0585, 61.6506



51.5862, 44.0585, 48.4331



34.5932, 44.0585, 35.8243

Square

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



51.5862, 44.0585, 48.4331



42.0369, 44.0585, 26.4541



33.4683, 44.0585, 47.5143



41.7161, 44.0585, 78.8121

Rectangle

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



51.5862, 44.0585, 48.4331



48.0970, 44.0585, 30.9616



33.4683, 44.0585, 47.5143



36.2165, 44.0585, 70.2915

Sweetspot

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



51.5874, 44.0605, 48.4340



85.6912, 85.2336, 93.5994



50.9197, 43.0863, 76.8674



18.0390, 17.7685, 19.5327



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.



51.5874, 44.0605, 48.4340



64.4332, 52.2826, 57.0258



51.8927, 47.6764, 39.2708



13.8773, 13.7686, 15.1242



18.5430, 9.4842, 4.2590



1.3242, 0.6730, 0.5002

Inverse Universe

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



51.5874, 44.0605, 48.4340



64.4332, 52.2826, 57.0258



51.6594, 60.3468, 80.1600



13.8773, 13.7686, 15.1242



18.5430, 9.4842, 4.2590



1.3242, 0.6730, 0.5002

Previews

White Background



This preview shows how the XYZ color 51.5862, 44.0585, 48.4331 looks on a white background.

Color Contrast Check

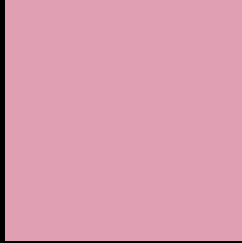
Large Text (above 18pt) WCAG AA × Fail

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 51.5862, 44.0585, 48.4331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

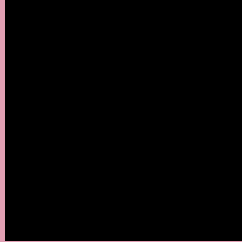
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5862, 44.0585, 48.4331

Background



This preview shows how black text looks on a background with the XYZ color 51.5862, 44.0585, 48.4331.



This preview shows how white text looks on a background with the XYZ color 51.5862, 44.0585,

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

51.5862, 44.0585, 48.4331

Protanopia

42.8421, 44.0719, 54.3928

Deuteranopia

45.1940, 44.2815, 47.7602



Tritanopia

50.7577, 43.9675, 44.8411

Trichromacy



Original Color

51.5862, 44.0585, 48.4331

Protanomaly

45.3798, 43.7216, 51.9463

Deuteranomaly

47.3082, 43.9736, 48.1138

Tritanomaly

51.0491, 44.0841, 46.3759

Monochromacy



Original Color

51.5862, 44.0585, 48.4331

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.2077, 45.0527, 49.4407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5862, 44.0585, 48.4331 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(225, 159, 179)` looks like.

```
.text, #text, p{  
    color:rgb(225, 159, 179)  
}
```

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(225, 159, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 159, 179) }
```

Border

The CSS property to change the border of an element to XYZ 51.5862, 44.0585, 48.4331 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(225, 159, 179) }
```


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

```
.border{ border-color:rgb(225, 159, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 159, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 159, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 159, 179);  
box-shadow:4px 4px 4px 4px rgb(225, 159,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5862, 44.0585, 48.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 159, 179) }
```

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

```
.background{ background-color: rgb(225,  
159, 179) }
```

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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