

Converting Colors

XYZ(55.9924, 50.3425, 46.6071)

Have a look what the booklet for
XYZ(55.9924, 50.3425, 46.6071)
contains.

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Color

**XYZ(56.0547, 50.4839,
46.8344)**

Conversions

Conversions Part 1

Format	Color
Hex	E8AEAE
RGB	232, 174, 174
RGB Percent	91%, 68%, 68%
CMY	0.0902, 0.3176, 0.3176
CMYK	0.00, 0.25, 0.25, 0.09
HSL	0°, 56%, 80%
HSV	0°, 25%, 91%
XYZ	56.0547, 50.4839, 46.8344
YIQ	191.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

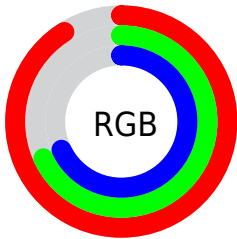
Format	Color
R _Y B	232, 174, 174
Decimal	15249070
CIE Lab	76.37, 21.18, 8.28
CIE LCh	76, 22.737, 21.351
Yxy	50.4839, 0.3655, 0.3292
Android (android.graphics.Color)	4293439150 (0xFFE8AEAE)
YUV	191.3420, -8.5496, 35.6571
Hunter-Lab	71.0520, 16.4820, 10.6550

Details

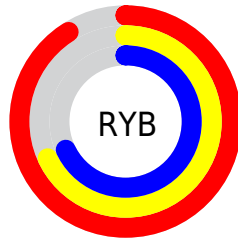
The XYZ color **56.0547, 50.4839, 46.8344** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.8768, 72.5358, 87.1363**, and the grayscale version is **49.7549, 52.3461, 57.0049**.

A 20% lighter version of the original color is **83.6797, 83.5108, 85.8375**, and **28.0294, 24.1938, 21.6049** is the 20% darker color. If you saturate the color by 10%, you get **49.8842, 41.4551, 34.5661**, and if you desaturate by 10%, it is **63.3925, 61.2215, 61.4202**.

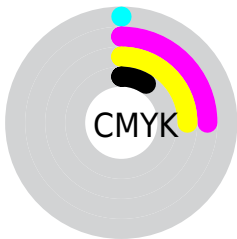
Distribution



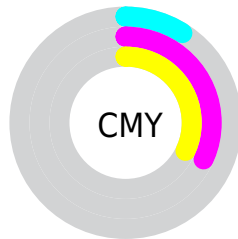
- Red (91%)
- Green (68%)
- Blue (68%)



- Red (91%)
- Yellow (68%)
- Blue (68%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (9%)





- Cyan (9%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0547, 50.4839, 46.8344 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 56.0547, 50.4839, 46.8344 by changing the saturation by 10% instead.


 56.0547, 50.4839,
46.8344

 56.0547, 50.4839,
46.8344


399.9693,
388.5553, 390.5277

 40.4840, 35.7980,
32.5514


 98.2239, 90.8914,
86.8138

 28.1020, 24.2783,
21.5147


125.5531,
117.3819, 113.3472

 18.5434, 15.5402,
13.3058


157.5324,
148.5760, 144.8011

 11.4429, 9.1994,
7.5063

194.5273,
184.8582, 181.5941

 6.4350, 4.8714,
3.6975

236.9031,
226.6128, 224.1448

 3.1545, 2.1720,
1.4609

285.0251,

 1.2360, 0.7047,

274.2243, 272.8715

0.1885

339.2587,
328.0770, 328.1930

■ 0.1345, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0547, 50.4839,
46.8344

■ 56.0547, 50.4839,
46.8344

■ 49.8842, 41.4551,
34.5661

■ 63.3925, 61.2215,
61.4202

■ 44.8172, 34.0405,
24.4931

■ 71.9492, 73.7423,
78.4307

■ 40.7897, 28.1471,
16.4869

■ 81.7780, 88.1245,
97.9705

■ 37.7298, 23.6695,
10.4043

■ 87.0888, 95.8958,
108.5274

■ 35.5563, 20.4889,
6.0839

■ 34.1749, 18.4673,
3.3380

■ 33.4696, 17.4352,
1.9365

■ 33.2790, 17.1562,
1.5575

Harmonies

Analogous

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



56.5784, 50.4839, 58.5858



56.0547, 50.4839, 46.8344



53.3032, 50.4839, 38.5548

Triad

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



56.0547, 50.4839, 46.8344



41.8451, 50.4839, 41.5360



46.7577, 50.4839, 81.6850

Complementary

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



56.0547, 50.4839, 46.8344



60.8768, 72.5358, 87.1363

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.



43.0299, 50.4839, 75.4825



56.0547, 50.4839, 46.8344



40.3062, 50.4839, 51.5031

Square

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



56.0547, 50.4839, 46.8344



45.0522, 50.4839, 35.8266



40.7267, 50.4839, 63.9935



51.0391, 50.4839, 79.9420

Rectangle

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



56.0547, 50.4839, 46.8344



50.6606, 50.4839, 35.5421



40.7267, 50.4839, 63.9935



45.4023, 50.4839, 80.4303

Sweetspot

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



56.0561, 50.4862, 46.8354



86.8760, 88.0393, 92.6501



62.9806, 53.2547, 83.3038



18.4520, 18.6347, 19.5466



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.



56.0561, 50.4862, 46.8354



65.3474, 56.5370, 49.8517



62.2750, 62.9241, 48.9084



14.3771, 14.3682, 14.9200



18.4752, 9.5245, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



60.8768, 72.5358, 87.1363



72.2831, 88.2604, 107.8340



53.3775, 57.5373, 84.6366



14.8074, 16.3362, 18.5171



24.1035, 35.2691, 47.9204



1.7812, 2.6063, 3.5412

Previews

White Background



This preview shows how the XYZ color 56.0547, 50.4839, 46.8344 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 56.0547, 50.4839, 46.8344 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 56.0547, 50.4839, 46.8344

Background



This preview shows how black text looks on a background with the XYZ color 56.0547, 50.4839, 46.8344.



This preview shows how white text looks on a background with the XYZ color 56.0547, 50.4839,

46.8344.

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

56.0547, 50.4839, 46.8344

Protanopia

48.6749, 50.8132, 51.4985

Deuteranopia

51.7113, 50.6192, 46.5802



Tritanopia

57.1138, 50.3315, 52.6037

Trichromacy



Original Color

56.0547, 50.4839, 46.8344

Protanomaly

51.0826, 50.5315, 49.7090

Deuteranomaly

53.1781, 50.4730, 46.4746

Tritanomaly

56.8883, 50.5470, 50.4743

Monochromacy



Original Color

56.0547, 50.4839, 46.8344

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.5595, 51.3225, 53.0877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0547, 50.4839, 46.8344 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(232, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(232, 174, 174)  
}
```

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(232, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 174, 174) }
```

Border

The CSS property to change the border of an element to XYZ 56.0547, 50.4839, 46.8344 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(232, 174, 174) }
```


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

```
.border{ border-color:rgb(232, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(232, 174,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0547, 50.4839, 46.8344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 174, 174) }
```

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

```
.background{ background-color: rgb(232,  
174, 174) }
```

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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