

Converting Colors

XYZ(56.5103, 50.9018, 51.6464)

Have a look what the booklet for
XYZ(56.5103, 50.9018, 51.6464)
contains.

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Color

**XYZ(56.5103, 50.9018,
51.6464)**

Conversions

Conversions Part 1

Format	Color
Hex	E6AFB7
RGB	230, 175, 183
RGB Percent	90%, 69%, 72%
CMY	0.0980, 0.3137, 0.2823
CMYK	0.00, 0.24, 0.20, 0.10
HSL	351°, 52%, 79%
HSV	351°, 24%, 90%
XYZ	56.5103, 50.9018, 51.6464
YIQ	192.3570, 30.2120, 14.1480

Conversions

Conversions Part 2

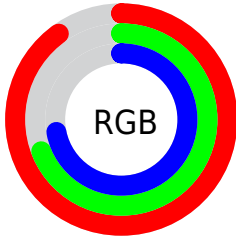
Format	Color
R_{YB}	230, 175, 183
Decimal	15118263
CIE _{Lab}	76.62, 21.21, 3.71
CIE _{LCh}	77, 21.536, 9.928
Yxy	50.9018, 0.3553, 0.3200
Android (android.graphics.Color)	4293308343 (0xFFE6AFB7)
YUV	192.3570, -4.6130, 33.0129
Hunter-Lab	71.3455, 16.5291, 7.0223

Details

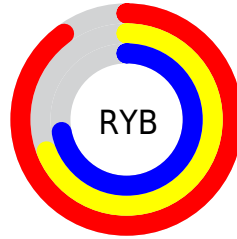
The XYZ color **56.5103, 50.9018, 51.6464** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.1628, 70.9827, 79.6934**, and the grayscale version is **50.3265, 52.9473, 57.6597**.

A 20% lighter version of the original color is **85.3959, 84.6438, 93.4984**, and **28.4444, 24.5294, 24.3546** is the 20% darker color. If you saturate the color by 10%, you get **50.5042, 41.9381, 40.2457**, and if you desaturate by 10%, it is **63.5673, 61.5093, 64.8082**.

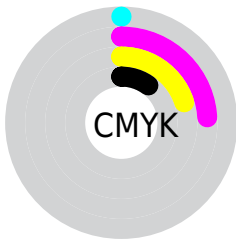
Distribution



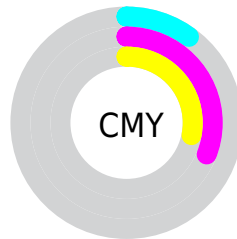
- Red (90%)
- Green (69%)
- Blue (72%)



- Red (90%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (10%)





- Cyan (10%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5103, 50.9018, 51.6464 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 56.5103, 50.9018, 51.6464 by changing the saturation by 10% instead.


 56.5103, 50.9018,
51.6464

 56.5103, 50.9018,
51.6464


401.6557,
390.1821, 409.9880

 40.8508, 36.1305,
36.3430


 98.8858, 91.5096,
94.0308

 28.3897, 24.5350,
24.4074


126.3325,
118.1149, 121.9489

 18.7616, 15.7309,
15.4211

158.4390,
149.4335, 154.9090

 11.6011, 9.3340,
8.9656

195.5706,
185.8500, 193.3296

 6.5429, 4.9596,
4.6222

238.0928,
227.7487, 237.6293

 3.2217, 2.2236,
1.9725

286.3708,

 1.2721, 0.7328,

275.5141, 288.2265

0.5383

340.7699,
329.5304, 345.5399

■ 0.1622, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5103, 50.9018,
51.6464

■ 56.5103, 50.9018,
51.6464

■ 50.5042, 41.9381,
40.2457

■ 63.5673, 61.5093,
64.8082

■ 45.4946, 34.5292,
30.5281

■ 71.7181, 73.8297,
79.7983

■ 41.4281, 28.5883,
22.4144

■ 81.0081, 87.9368,
96.6843

■ 38.2448, 24.0176,
15.8175

■ 86.4433, 95.5631,
108.4972

■ 35.8780, 20.7068,
10.6422

■ 34.2510, 18.5289,
6.7821

■ 33.2719, 17.3299,
4.1155

■ 32.9140, 16.9354,
3.0054

Harmonies

Analogous

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



56.1138, 50.9018, 63.4810



56.5103, 50.9018, 51.6464



54.6367, 50.9018, 42.2409

Triad

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



56.5103, 50.9018, 51.6464



43.5272, 50.9018, 39.9446



45.7429, 50.9018, 79.2662

Complementary

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



56.5103, 50.9018, 51.6464



59.1628, 70.9827, 79.6934

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.



42.6213, 50.9018, 71.0975



56.5103, 50.9018, 51.6464



41.3927, 50.9018, 48.0782

Square

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



56.5103, 50.9018, 51.6464



47.0432, 50.9018, 36.1396



41.0706, 50.9018, 59.3802



49.7432, 50.9018, 80.5759

Rectangle

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



56.5103, 50.9018, 51.6464



52.4111, 50.9018, 38.1945



41.0706, 50.9018, 59.3802



44.5623, 50.9018, 77.1821

Sweetspot

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



56.5117, 50.9041, 51.6474



87.2580, 88.1914, 94.6634



59.6621, 51.8657, 81.7298



18.5401, 18.6698, 20.0110



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.



56.5117, 50.9041, 51.6474



67.2665, 58.1251, 57.4279



59.7200, 58.6151, 48.7266



14.4619, 14.4020, 15.3670



18.6610, 9.5986, 1.8437



1.4059, 0.7201, 0.2778

Inverse Universe

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



56.5117, 50.9041, 51.6474



67.2665, 58.1251, 57.4279



55.1962, 61.2933, 83.7849



14.4619, 14.4020, 15.3670



18.6610, 9.5986, 1.8437



1.4059, 0.7201, 0.2778

Previews

White Background



This preview shows how the XYZ color 56.5103, 50.9018, 51.6464 looks on a white background.

Color Contrast Check

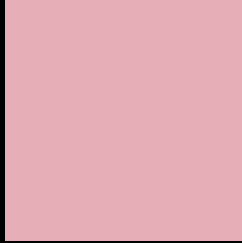
Large Text (above 18pt) WCAG AA × Fail

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 56.5103, 50.9018, 51.6464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

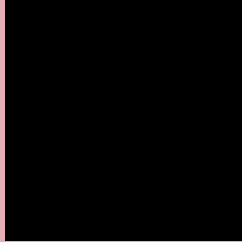
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5103, 50.9018, 51.6464

Background



This preview shows how black text looks on a background with the XYZ color 56.5103, 50.9018, 51.6464.



This preview shows how white text looks on a background with the XYZ color 56.5103, 50.9018,

51.6464.

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

56.5103, 50.9018, 51.6464

Protanopia

49.1254, 50.9345, 56.5324

Deuteranopia

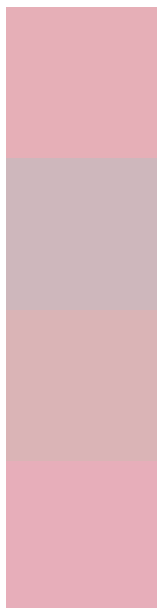
52.2410, 51.0933, 51.3646



Tritanopia

57.1681, 50.8919, 54.3870

Trichromacy



Original Color

56.5103, 50.9018, 51.6464

Protanomaly

51.4642, 50.6196, 54.6351

Deuteranomaly

53.6782, 50.9253, 51.2564

Tritanomaly

56.9540, 50.8062, 53.2592

Monochromacy



Original Color

56.5103, 50.9018, 51.6464

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.1978, 51.9137, 55.4133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5103, 50.9018, 51.6464 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(230, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(230, 175, 183)  
}
```

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(230, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 175, 183) }
```

Border

The CSS property to change the border of an element to XYZ 56.5103, 50.9018, 51.6464 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(230, 175, 183) }
```


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

```
.border{ border-color:rgb(230, 175, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 175, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(230, 175,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5103, 50.9018, 51.6464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 175, 183) }
```

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

```
.background{ background-color: rgb(230,  
175, 183) }
```

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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