

Converting Colors

XYZ(56.8744, 51.0558, 62.7802)

Have a look what the booklet for
XYZ(56.8744, 51.0558, 62.7802)
contains.

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Color

**XYZ(56.9265, 51.1622,
62.7521)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B0CA
RGB	224, 176, 202
RGB Percent	88%, 69%, 79%
CMY	0.1216, 0.3098, 0.2078
CMYK	0.00, 0.21, 0.10, 0.12
HSL	328°, 44%, 78%
HSV	328°, 21%, 88%
XYZ	56.9265, 51.1622, 62.7521
YIQ	193.3160, 20.2620, 18.2620

Conversions

Conversions Part 2

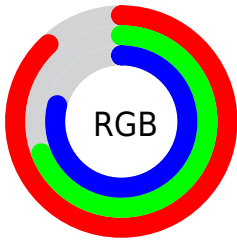
Format	Color
R _Y B	224, 176, 202
Decimal	14725322
CIE Lab	76.78, 21.56, -6.48
CIE LCh	77, 22.516, 343.281
Yxy	51.1622, 0.3332, 0.2995
Android (android.graphics.Color)	4292915402 (0xFFE0B0CA)
YUV	193.3160, 4.2812, 26.9099
Hunter-Lab	71.5278, 16.8885, -1.9463

Details

The XYZ color **56.9265, 51.1622, 62.7521** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.7552, 66.6201, 63.4022**, and the grayscale version is **50.8429, 53.4907, 58.2514**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **28.5767, 24.6289, 31.2647** is the 20% darker color. If you saturate the color by 10%, you get **51.7163, 42.6225, 55.2158**, and if you desaturate by 10%, it is **62.9453, 61.1882, 70.9582**.

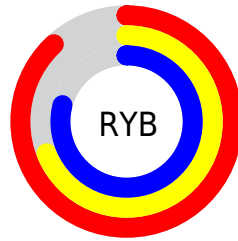
Distribution



Red (88%)

Green (69%)

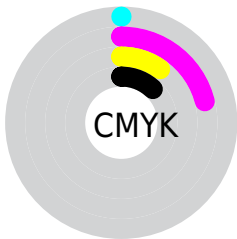
Blue (79%)



Red (88%)

Yellow (69%)

Blue (79%)

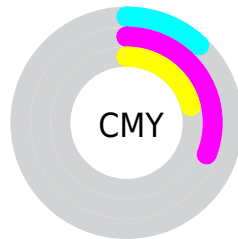


Cyan (0%)

Magenta (21%)

Yellow (10%)

Black (12%)



Cyan (12%)


Magenta (31%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9265, 51.1622, 62.7521 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 56.9265, 51.1622, 62.7521 by changing the saturation by 10% instead.


 56.9265, 51.1622,
62.7521

 56.9265, 51.1622,
62.7521


403.1925,
391.1936, 452.7524

 41.1861, 36.3377,
45.2010

 99.4899, 91.8945,
110.3939

 28.6529, 24.6951,
31.2717


127.0437,
118.5711, 141.3217

 18.9613, 15.8501,
20.5456


159.2660,
149.9671, 177.5454

 11.7462, 9.4181,
12.6043

196.5221,
186.4671, 219.4836

 6.6421, 5.0149,
7.0291

239.1775,
228.4553, 267.5549

 3.2836, 2.2560,
3.4016

287.5974,

 1.3055, 0.7503,

276.3162, 322.1778

1.3032

342.1473,
330.4342, 383.7708

■ 0.1873, 0.0000,
0.0644

■ 0.0000, 0.0000,
0.0000

■ 56.9265, 51.1622,
62.7521

■ 56.9265, 51.1622,
62.7521

■ 51.7163, 42.6225,
55.2158

■ 62.9453, 61.1882,
70.9582

■ 47.2731, 35.4905,
48.3261

■ 69.8027, 72.7604,
79.8499

■ 43.5583, 29.6910,
42.0626

■ 77.5329, 85.9437,
89.4463

■ 40.5280, 25.1386,
36.4025

■ 82.6893, 93.8429,
98.6058

■ 38.1331, 21.7382,
31.3212

■ 84.2845, 94.4809,
107.0062

■ 36.3177, 19.3806,
26.7910

■ 84.5508, 94.5875,
108.4086

■ 35.0151, 17.9353,
22.7807

■ 34.2120, 17.2360,
19.7178

Harmonies

Analogous

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



54.4794, 51.1622, 74.6471



56.9265, 51.1622, 62.7521



57.0683, 51.1622, 50.4759

Triad

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



56.9265, 51.1622, 62.7521



46.7656, 51.1622, 35.8056



42.8902, 51.1622, 73.4404

Complementary

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



56.9265, 51.1622, 62.7521



54.7552, 66.6201, 63.4022

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.



41.0641, 51.1622, 61.2874



56.9265, 51.1622, 62.7521



43.2116, 51.1622, 40.2765

Square

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



56.9265, 51.1622, 62.7521



51.0296, 51.1622, 36.0784



41.1782, 51.1622, 49.2099



46.3032, 51.1622, 81.4097

Rectangle

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



56.9265, 51.1622, 62.7521



55.8231, 51.1622, 43.7699



41.1782, 51.1622, 49.2099



42.0796, 51.1622, 69.6380

Sweetspot

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



56.9280, 51.1645, 62.7532



89.2531, 90.1802, 101.4987



52.1653, 48.3865, 77.1119



18.9742, 19.0836, 21.5569



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.



56.9280, 51.1645, 62.7532



72.9106, 62.9412, 79.2617



54.3438, 50.1308, 49.1450



14.0162, 13.8241, 15.8553



19.9724, 10.0560, 11.7864



1.4294, 0.7150, 1.0542

Inverse Universe

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



56.9280, 51.1645, 62.7532



72.9106, 62.9412, 79.2617



57.6931, 67.7952, 78.8725



14.0162, 13.8241, 15.8553



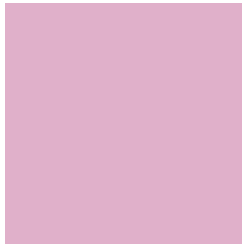
19.9724, 10.0560, 11.7864



1.4294, 0.7150, 1.0542

Previews

White Background



This preview shows how the XYZ color 56.9265, 51.1622, 62.7521 looks on a white background.

Color Contrast Check

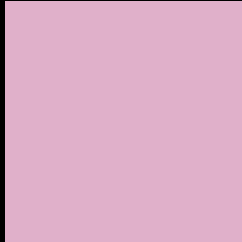
Large Text (above 18pt) WCAG AA × Fail

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 56.9265, 51.1622, 62.7521 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 56.9265, 51.1622, 62.7521

Background



This preview shows how black text looks on a background with the XYZ color 56.9265, 51.1622, 62.7521.



This preview shows how white text looks on a background with the XYZ color 56.9265, 51.1622,

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

56.9265, 51.1622, 62.7521

Protanopia

50.1096, 51.1844, 68.2113

Deuteranopia

52.1944, 51.1476, 61.7651



Tritanopia

55.8662, 51.3345, 56.8333

Trichromacy



Original Color

56.9265, 51.1622, 62.7521

Protanomaly

52.2224, 51.0653, 66.1357

Deuteranomaly

53.9305, 51.1137, 62.2818

Tritanomaly

56.1174, 51.1178, 59.1336

Monochromacy



Original Color

56.9265, 51.1622, 62.7521

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.6360, 52.3635, 59.5575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9265, 51.1622, 62.7521 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(224, 176, 202)` looks like.

```
.text, #text, p{  
    color:rgb(224, 176, 202)  
}
```

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(224, 176, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 176, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.9265, 51.1622, 62.7521 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(224, 176, 202) }
```


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

```
.border{ border-color:rgb(224, 176, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 176, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 176, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 176, 202);  
box-shadow:4px 4px 4px 4px rgb(224, 176,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9265, 51.1622, 62.7521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 176, 202) }
```

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

```
.background{ background-color: rgb(224,  
176, 202) }
```

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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