

Converting Colors

XYZ(56.3770, 47.2737, 62.6248)

Have a look what the booklet for
XYZ(56.3770, 47.2737, 62.6248)
contains.

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Color

**XYZ(56.5098, 47.3292,
62.6570)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A3CB
RGB	230, 163, 203
RGB Percent	90%, 64%, 80%
CMY	0.0980, 0.3608, 0.2039
CMYK	0.00, 0.29, 0.12, 0.10
HSL	324°, 57%, 77%
HSV	324°, 29%, 90%
XYZ	56.5098, 47.3292, 62.6570
YIQ	187.5930, 27.0920, 26.6440

Conversions

Conversions Part 2

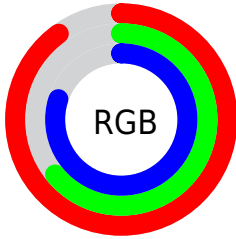
Format	Color
R _Y B	230, 163, 203
Decimal	15115211
CIE Lab	74.40, 30.78, -10.49
CIE LCh	74, 32.519, 341.177
Yxy	47.3292, 0.3394, 0.2843
Android (android.graphics.Color)	4293305291 (0xFFE6A3CB)
YUV	187.5930, 7.5957, 37.1909
Hunter-Lab	68.7962, 26.2280, -5.8417

Details

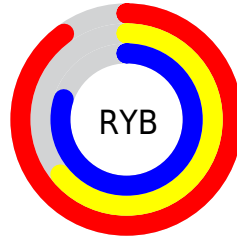
The XYZ color **56.5098, 47.3292, 62.6570** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.6973, 68.0991, 59.0853**, and the grayscale version is **47.5180, 49.9926, 54.4420**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **28.4563, 22.3205, 31.2422** is the 20% darker color. If you saturate the color by 10%, you get **51.7198, 39.4639, 55.7725**, and if you desaturate by 10%, it is **62.1113, 56.7105, 70.1389**.

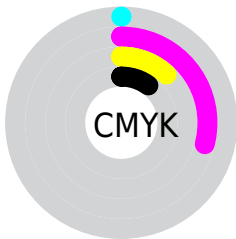
Distribution



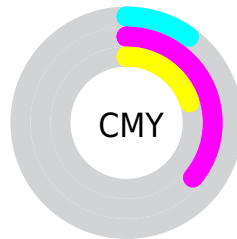
- Red (90%)
- Green (64%)
- Blue (80%)



- Red (90%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (29%)
- Yellow (12%)
- Black (10%)




- Cyan (10%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5098, 47.3292, 62.6570 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 56.5098, 47.3292, 62.6570 by changing the saturation by 10% instead.


 56.5098, 47.3292,
62.6570


 56.5098, 47.3292,
62.6570


401.6539,
376.1270, 452.3972

 40.8504, 33.2960,
45.1246

 98.8851, 86.2048,
110.2553

 28.3894, 22.3533,
31.2119


 126.3316,
111.8160, 141.1583

 18.7613, 14.1167,
20.5004


158.4380,
142.0553, 177.3551

 11.6009, 8.2019,
12.5717

195.5695,
177.3070, 219.2645

 6.5428, 4.2244,
7.0070

238.0915,
217.9557, 267.3048

 3.2216, 1.7999,
3.3880

286.3693,

 1.2720, 0.4871,

264.3857, 321.8947

1.2960

340.7683,
316.9813, 383.4526

■ 0.1621, 0.0000,
0.0585

■ 0.0000, 0.0000,
0.0000

■ 56.5098, 47.3292,
62.6570

■ 56.5098, 47.3292,
62.6570

■ 51.7198, 39.4639,
55.7725

■ 62.1113, 56.7105,
70.1389

■ 47.6956, 33.0271,
49.4631

■ 68.5584, 67.6762,
78.2335

■ 44.3934, 27.9322,
43.7087

■ 75.8885, 80.2984,
86.9592

■ 41.7629, 24.0807,
38.4867

■ 84.1332, 94.6390,
96.3318

■ 39.7469, 21.3600,
33.7720

■ 85.5465, 95.2044,
103.7744

■ 38.2779, 19.6373,
29.5355

■ 86.4434, 95.5631,
108.4972

■ 37.2510, 18.7050,
25.7360

■ 37.1709, 18.6381,
25.4214

Harmonies

Analogous

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



52.8152, 47.3292, 79.8241



56.5098, 47.3292, 62.6570



56.9636, 47.3292, 45.5304

Triad

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



56.5098, 47.3292, 62.6570



42.8369, 47.3292, 25.9244



37.0290, 47.3292, 75.8213

Complementary

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



56.5098, 47.3292, 62.6570



52.6973, 68.0991, 59.0853

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.



34.8157, 47.3292, 58.0423



56.5098, 47.3292, 62.6570



37.9696, 47.3292, 30.8681

Square

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



56.5098, 47.3292, 62.6570



48.7176, 47.3292, 26.6349



35.1444, 47.3292, 41.8111



41.4480, 47.3292, 88.4907

Rectangle

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



56.5098, 47.3292, 62.6570



55.3256, 47.3292, 36.5737



35.1444, 47.3292, 41.8111



36.0205, 47.3292, 70.1004

Sweetspot

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



56.5112, 47.3313, 62.6580



86.7070, 85.6399, 98.9487



48.5674, 42.8315, 80.5710



18.2887, 17.8684, 20.8480



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.



56.5112, 47.3313, 62.6580



67.6211, 53.5578, 73.8131



52.9594, 45.9106, 43.9545



14.7364, 14.5117, 16.8120



21.1059, 10.5766, 14.7187



1.6053, 0.7998, 1.3282

Inverse Universe

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



56.5112, 47.3313, 62.6580



67.6211, 53.5578, 73.8131



56.7624, 69.7252, 80.4918



14.7364, 14.5117, 16.8120



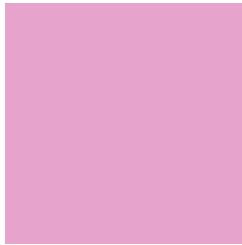
21.1059, 10.5766, 14.7187



1.6053, 0.7998, 1.3282

Previews

White Background



This preview shows how the XYZ color 56.5098, 47.3292, 62.6570 looks on a white background.

Color Contrast Check

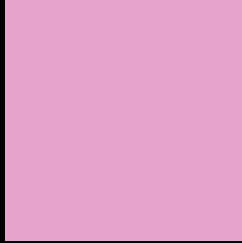
Large Text (above 18pt) WCAG AA × Fail

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 56.5098, 47.3292, 62.6570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

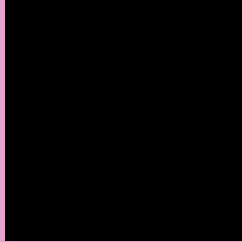
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5098, 47.3292, 62.6570

Background



This preview shows how black text looks on a background with the XYZ color 56.5098, 47.3292, 62.6570.



This preview shows how white text looks on a background with the XYZ color 56.5098, 47.3292,

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

56.5098, 47.3292, 62.6570

Protanopia

47.1252, 47.7093, 71.0150

Deuteranopia

48.3380, 47.3484, 61.2350



Tritanopia

53.7355, 47.2636, 49.4706

Trichromacy



Original Color

56.5098, 47.3292, 62.6570



Protanomaly

49.8528, 47.0989, 68.0915



Deuteranomaly

50.9398, 47.2260, 61.6891



Tritanomaly

54.7082, 47.3973, 53.8421

Monochromacy



Original Color

56.5098, 47.3292, 62.6570



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

50.3743, 48.7870, 57.2139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5098, 47.3292, 62.6570 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, 163, 203)` looks like.

```
.text, #text, p{  
    color:rgb(230, 163, 203)  
}
```

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, 163, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 163, 203) }
```

Border

The CSS property to change the border of an element to XYZ 56.5098, 47.3292, 62.6570 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, 163, 203) }
```


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

```
.border{ border-color:rgb(230, 163, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 163, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 163, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 163, 203);  
box-shadow:4px 4px 4px 4px rgb(230, 163,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5098, 47.3292, 62.6570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 163, 203) }
```

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

```
.background{ background-color: rgb(230,  
163, 203) }
```

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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