

Converting Colors

XYZ(60.2752, 52.7927, 67.1219)

Have a look what the booklet for
XYZ(60.2752, 52.7927, 67.1219)
contains.

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Color

**XYZ(60.3127, 52.8099,
67.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B0D1
RGB	232, 176, 209
RGB Percent	91%, 69%, 82%
CMY	0.0902, 0.3098, 0.1804
CMYK	0.00, 0.24, 0.10, 0.09
HSL	325°, 55%, 80%
HSV	325°, 24%, 91%
XYZ	60.3127, 52.8099, 67.3361
YIQ	196.5060, 22.7830, 22.1350

Conversions

Conversions Part 2

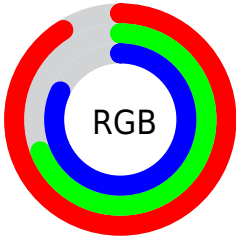
Format	Color
R_{YB}	232, 176, 209
Decimal	15249617
CIE _{Lab}	77.76, 25.51, -8.74
CIE _{LCh}	78, 26.967, 341.097
Yxy	52.8099, 0.3342, 0.2926
Android (android.graphics.Color)	4293439697 (0xFFE8B0D1)
YUV	196.5060, 6.1595, 31.1282
Hunter-Lab	72.6704, 20.9726, -4.0686

Details

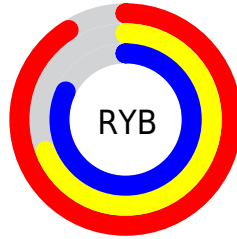
The XYZ color **60.3127, 52.8099, 67.3361** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.0721, 71.0684, 64.7457**, and the grayscale version is **52.7291, 55.4751, 60.4123**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **30.9038, 25.7626, 34.3542** is the 20% darker color. If you saturate the color by 10%, you get **55.0022, 44.0202, 59.9183**, and if you desaturate by 10%, it is **66.4743, 63.1872, 75.3870**.

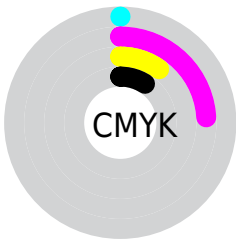
Distribution



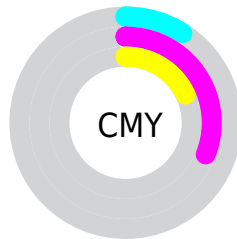
- Red (91%)
- Green (69%)
- Blue (82%)



- Red (91%)
- Yellow (69%)
- Blue (82%)



- Cyan (0%)
- Magenta (24%)
- Yellow (10%)
- Black (9%)





- Cyan (9%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3127, 52.8099, 67.3361 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 60.3127, 52.8099, 67.3361 by changing the saturation by 10% instead.


 60.3127, 52.8099,
67.3361

 60.3127, 52.8099,
67.3361


415.5657,
397.5554, 469.6742

 43.9212, 37.6510,
48.8945

 104.3869, 94.3246,
117.0471

 30.8062, 25.7120,
34.1708


132.8003,
121.4492, 149.1536

 20.6024, 16.6083,
22.7464


165.9516,
153.3312, 186.6521

 12.9445, 9.9556,
14.2028

204.2064,
190.3549, 229.9612

 7.4671, 5.3695,
8.1215

247.9298,
232.9048, 279.4994

 3.8048, 2.4657,
4.0839

297.4872,

 1.5923, 0.8594,

281.3652, 335.6853

1.6715

353.2441,
336.1206, 398.9374

■ 0.3874, 0.0000,
0.3411

■ 0.0000, 0.0000,
0.0000

■ 60.3127, 52.8099,
67.3361

■ 60.3127, 52.8099,
67.3361

■ 55.0022, 44.0202,
59.9183

■ 66.4743, 63.1872,
75.3870

■ 50.4973, 36.7316,
53.1106

■ 73.5201, 75.2190,
84.0861

■ 46.7553, 30.8599,
46.8932

■ 81.4874, 88.9768,
93.4522

■ 43.7277, 26.3098,
41.2436

■ 85.8459, 95.3987,
101.9809

■ 41.3595, 22.9739,
36.1368

■ 87.0891, 95.8960,
108.5274

■ 39.5878, 20.7283,
31.5451

■ 38.3356, 19.4214,
27.4359

■ 37.7735, 18.9538,
25.2247

Harmonies

Analogous

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



57.0929, 52.8099, 82.0265



60.3127, 52.8099, 67.3361



60.7137, 52.8099, 52.1383

Triad

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



60.3127, 52.8099, 67.3361



48.2850, 52.8099, 33.6335



42.9967, 52.8099, 78.5664

Complementary

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



60.3127, 52.8099, 67.3361



57.0721, 71.0684, 64.7457

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.



40.9660, 52.8099, 63.2194



60.3127, 52.8099, 67.3361



43.8750, 52.8099, 38.4276

Square

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



60.3127, 52.8099, 67.3361



53.5202, 52.8099, 34.3475



41.2759, 52.8099, 48.6735



47.0090, 52.8099, 89.2472

Rectangle

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



60.3127, 52.8099, 67.3361



59.2989, 52.8099, 43.8823



41.2759, 52.8099, 48.6735



42.0727, 52.8099, 73.6807

Sweetspot

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



60.3142, 52.8123, 67.3372



88.4595, 88.6720, 100.9904



53.4873, 48.9397, 82.9721



18.8180, 18.7810, 21.4742



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.



60.3142, 52.8123, 67.3372



71.3136, 59.7439, 78.7396



57.2082, 51.5698, 50.9810



14.7315, 14.5098, 16.7866



21.0342, 10.5479, 14.3410



1.6002, 0.7978, 1.3014

Inverse Universe

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



60.3142, 52.8123, 67.3372



71.3136, 59.7439, 78.7396



60.5453, 72.4577, 83.0354



14.7315, 14.5098, 16.7866



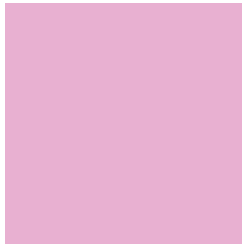
21.0342, 10.5479, 14.3410



1.6002, 0.7978, 1.3014

Previews

White Background



This preview shows how the XYZ color 60.3127, 52.8099, 67.3361 looks on a white background.

Color Contrast Check

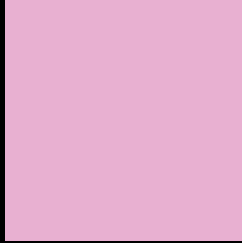
Large Text (above 18pt) WCAG AA × Fail

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 60.3127, 52.8099, 67.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

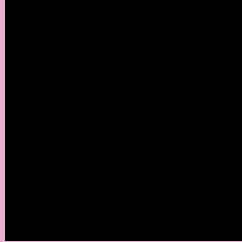
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3127, 52.8099, 67.3361

Background



This preview shows how black text looks on a background with the XYZ color 60.3127, 52.8099, 67.3361.



This preview shows how white text looks on a background with the XYZ color 60.3127, 52.8099,

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

60.3127, 52.8099, 67.3361

Protanopia

52.1560, 53.0674, 74.5120

Deuteranopia

54.2096, 53.0248, 66.4091



Tritanopia

58.3789, 52.9134, 57.5885

Trichromacy



Original Color

60.3127, 52.8099, 67.3361



Protanomaly

54.7265, 52.8615, 71.6089



Deuteranomaly

56.3430, 52.8681, 66.9095



Tritanomaly

59.1842, 52.9532, 61.1345

Monochromacy



Original Color

60.3127, 52.8099, 67.3361



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

55.3186, 54.3139, 62.8264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3127, 52.8099, 67.3361 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, 176, 209)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 209)  
}
```

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, 176, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 209) }
```

Border

The CSS property to change the border of an element to XYZ 60.3127, 52.8099, 67.3361 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, 176, 209) }
```


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

```
.border{ border-color:rgb(232, 176, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 209);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3127, 52.8099, 67.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 209) }
```

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

```
.background{ background-color: rgb(232,  
176, 209) }
```

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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