

Converting Colors

XYZ(60.2301, 47.1541, 82.9005)

Have a look what the booklet for
XYZ(60.2301, 47.1541, 82.9005)
contains.

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Color

**XYZ(60.3692, 47.3208,
83.0428)**

Conversions

Conversions Part 1

Format	Color
Hex	E99DE9
RGB	233, 157, 233
RGB Percent	91%, 62%, 91%
CMY	0.0863, 0.3843, 0.0863
CMYK	0.00, 0.33, 0.00, 0.09
HSL	300°, 63%, 76%
HSV	300°, 33%, 91%
XYZ	60.3692, 47.3208, 83.0428
YIQ	188.3880, 20.9000, 39.7480

Conversions

Conversions Part 2

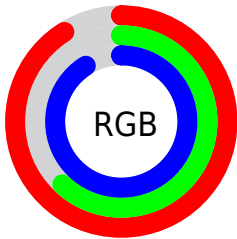
Format	Color
R_{YB}	233, 157, 233
Decimal	15310313
CIE _{Lab}	74.39, 40.16, -26.88
CIE _{LCh}	74, 48.328, 326.210
Yxy	47.3208, 0.3165, 0.2481
Android (android.graphics.Color)	4293500393 (0xFFE99DE9)
YUV	188.3880, 21.9937, 39.1247
Hunter-Lab	68.7901, 36.2663, -23.4213

Details

The XYZ color **60.3692, 47.3208, 83.0428** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.1313, 67.8818, 42.4139**, and the grayscale version is **47.8924, 50.3865, 54.8709**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **30.7906, 22.3051, 44.2774** is the 20% darker color. If you saturate the color by 10%, you get **56.7972, 40.1759, 81.8525**, and if you desaturate by 10%, it is **64.6959, 55.9731, 84.4856**.

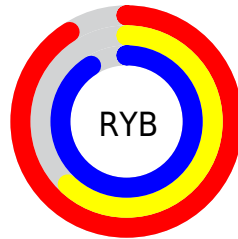
Distribution



Red (91%)

Green (62%)

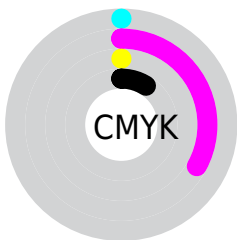
Blue (91%)



Red (91%)

Yellow (62%)

Blue (91%)

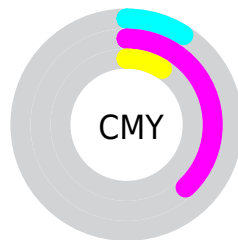


Cyan (0%)

Magenta (33%)

Yellow (0%)

Black (9%)



Cyan (9%)


Magenta (38%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3692, 47.3208, 83.0428 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 60.3692, 47.3208, 83.0428 by changing the saturation by 10% instead.


 60.3692, 47.3208,
83.0428


 60.3692, 47.3208,
83.0428


415.7703,
376.0936, 525.1039

 43.9669, 33.2893,
61.6846

 104.4684, 86.1923,
139.4852

 30.8423, 22.3482,
44.3438


 132.8959,
111.8011, 175.4065

 20.6300, 14.1130,
30.6017

166.0626,
142.0378, 217.0192

 12.9647, 8.1993,
20.0398

204.3337,
177.2868, 264.7420

 7.4811, 4.2227,
12.2396

248.0747,
217.9325, 318.9933

 3.8137, 1.7989,
6.7826

297.6509,

 1.5973, 0.4865,

264.3592, 380.1917

3.2501

353.4276,
316.9515, 448.7557

■ 0.3907, 0.0000,
1.2237

■ 0.0000, 0.0000,
0.0000

■ 60.3692, 47.3208,
83.0428

■ 60.3692, 47.3208,
83.0428

■ 56.7972, 40.1759,
81.8525

■ 64.6959, 55.9731,
84.4856

■ 53.9325, 34.4466,
80.8975

■ 69.8121, 66.2056,
86.1912

■ 51.7295, 30.0405,
80.1631

■ 75.7562, 78.0938,
88.1726

■ 50.1352, 26.8519,
79.6315

■ 82.5626, 91.7064,
90.4415

49.0886, 24.7589,
79.2826

84.0729, 94.7272,
90.9451

48.5163, 23.6143,
79.0917

84.0730, 94.7272,
90.9452

48.3127, 23.2071,
79.0237

84.0730, 94.7272,
90.9453

84.0730, 94.7272,
90.9454

84.0730, 94.7272,
90.9455

Harmonies

Analogous

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



52.7811, 47.3208, 107.6005



60.3692, 47.3208, 83.0428



63.8287, 47.3208, 54.7580

Triad

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



60.3692, 47.3208, 83.0428



46.0924, 47.3208, 16.9697



31.5705, 47.3208, 75.7252

Complementary

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



60.3692, 47.3208, 83.0428



49.1313, 67.8818, 42.4139

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.



30.2589, 47.3208, 48.4205



60.3692, 47.3208, 83.0428



37.9828, 47.3208, 19.3755

Square

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



60.3692, 47.3208, 83.0428



54.9417, 47.3208, 21.0735



32.4524, 47.3208, 29.2002



36.2964, 47.3208, 102.5066

Rectangle

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



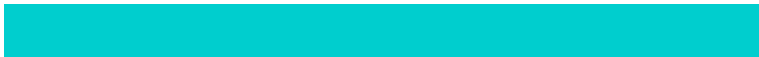
60.3692, 47.3208, 83.0428



63.0380, 47.3208, 39.2688



32.4524, 47.3208, 29.2002



30.7443, 47.3208, 66.0963

Sweetspot

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



60.3707, 47.3229, 83.0438



87.4478, 84.7957, 106.3658



40.6717, 37.1677, 82.1223



18.5068, 17.7284, 22.6964



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.



60.3707, 47.3229, 83.0438



71.1030, 52.1061, 100.9171



55.5133, 45.3799, 57.4651



15.7149, 15.3138, 19.0498



27.4133, 13.1680, 44.8392



2.1526, 1.0340, 3.5210

Inverse Universe

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



60.3707, 47.3229, 83.0438



71.1030, 52.1061, 100.9171



52.8957, 69.3875, 62.2370



15.7149, 15.3138, 19.0498



27.4133, 13.1680, 44.8392



2.1526, 1.0340, 3.5210

Previews

White Background



This preview shows how the XYZ color 60.3692, 47.3208, 83.0428 looks on a white background.

Color Contrast Check

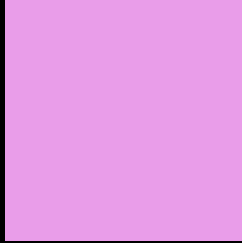
Large Text (above 18pt) WCAG AA × Fail

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 60.3692, 47.3208, 83.0428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

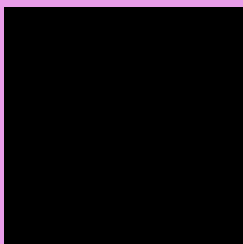
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3692, 47.3208, 83.0428

Background



This preview shows how black text looks on a background with the XYZ color 60.3692, 47.3208, 83.0428.



This preview shows how white text looks on a background with the XYZ color 60.3692, 47.3208,

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

60.3692, 47.3208, 83.0428

Protanopia

49.0407, 47.7993, 97.9083

Deuteranopia

48.8242, 47.7646, 80.7749



Tritanopia

53.4210, 47.1015, 49.4559

Trichromacy



Original Color

60.3692, 47.3208, 83.0428



Protanomaly

51.8207, 46.7281, 91.8761



Deuteranomaly

52.3242, 47.2240, 81.2203



Tritanomaly

55.7191, 46.9759, 60.1634

Monochromacy



Original Color

60.3692, 47.3208, 83.0428



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.5231, 48.6413, 63.7999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3692, 47.3208, 83.0428 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(233, 157, 233)` looks like.

```
.text, #text, p{  
    color:rgb(233, 157, 233)  
}
```

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(233, 157, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 157, 233) }
```

Border

The CSS property to change the border of an element to XYZ 60.3692, 47.3208, 83.0428 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(233, 157, 233) }
```


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

```
.border{ border-color:rgb(233, 157, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 157, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 157, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 157, 233);  
box-shadow:4px 4px 4px 4px rgb(233, 157,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3692, 47.3208, 83.0428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 157, 233) }
```

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

```
.background{ background-color: rgb(233,  
157, 233) }
```

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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