

Converting Colors

XYZ(58.8134, 47.0081, 72.3033)

Have a look what the booklet for
XYZ(58.8134, 47.0081, 72.3033)
contains.

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Color

**XYZ(58.8134, 47.0081,
72.3033)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9EDA
RGB	234, 158, 218
RGB Percent	92%, 62%, 85%
CMY	0.0823, 0.3804, 0.1451
CMYK	0.00, 0.32, 0.07, 0.08
HSL	313°, 64%, 77%
HSV	313°, 32%, 92%
XYZ	58.8134, 47.0081, 72.3033
YIQ	187.5640, 26.0360, 34.7720

Conversions

Conversions Part 2

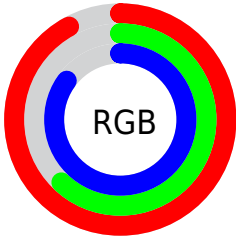
Format	Color
RYB	234, 158, 218
Decimal	15376090
CIELab	74.19, 37.30, -18.98
CIELCh	74, 41.851, 333.033
Yxy	47.0081, 0.3302, 0.2639
Android (android.graphics.Color)	4293566170 (0xFFEA9EDA)
YUV	187.5640, 15.0049, 40.7244
Hunter-Lab	68.5625, 33.1344, -14.5312

Details

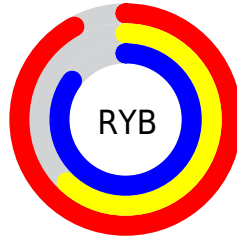
The XYZ color **58.8134, 47.0081, 72.3033** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.1653, 69.1721, 50.7022**, and the grayscale version is **47.4614, 49.9331, 54.3772**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **29.7939, 22.0946, 37.3447** is the 20% darker color. If you saturate the color by 10%, you get **54.5607, 39.5185, 67.7524**, and if you desaturate by 10%, it is **63.8480, 56.0294, 77.2104**.

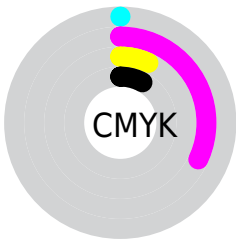
Distribution



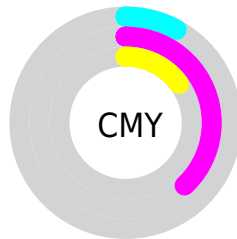
- Red (92%)
- Green (62%)
- Blue (85%)



- Red (92%)
- Yellow (62%)
- Blue (85%)



- Cyan (0%)
- Magenta (32%)
- Yellow (7%)
- Black (8%)




- Cyan (8%)
- Magenta (38%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8134, 47.0081, 72.3033 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 58.8134, 47.0081, 72.3033 by changing the saturation by 10% instead.


 58.8134, 47.0081,
72.3033


 58.8134, 47.0081,
72.3033


410.1152,
374.8469, 487.6025

 42.7087, 33.0421,
52.9181


 102.2226, 85.7257,
124.1994

 29.8502, 22.1587,
37.3501


 130.2578,
111.2461, 157.5474

 19.8724, 13.9735,
25.1808


163.0006,
141.3867, 196.3867

 12.4100, 8.1023,
15.9916

200.8163,
176.5319, 241.1359

 7.0978, 4.1605,
9.3639

244.0702,
217.0661, 292.2136

 3.5702, 1.7637,
4.8792

293.1278,

 1.4620, 0.4644,

263.3738, 350.0382

2.1191

348.3543,
315.8392, 415.0283

■ 0.2997, 0.0000,
0.6271

■ 0.0000, 0.0000,
0.0000

■ 58.8134, 47.0081,
72.3033

■ 58.8134, 47.0081,
72.3033

■ 54.5607, 39.5185,
67.7524

■ 63.8480, 56.0294,
77.2104

■ 51.0422, 33.4677,
63.5394

■ 69.7003, 66.6557,
82.4850

■ 48.2116, 28.7624,
59.6487

■ 76.4088, 78.9634,
88.1411

■ 46.0154, 25.2961,
56.0615

■ 84.0085, 93.0220,
94.1912

■ 44.3918, 22.9455,
52.7565

■ 85.8145, 95.4616,
98.4078

■ 43.2667, 21.5624,
49.7080

■ 86.5673, 95.7627,
102.3717

■ 42.6610, 20.9842,
47.5539

■ 87.3401, 96.0718,
106.4416

■ 87.7420, 96.2326,
108.5580

Harmonies

Analogous

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



53.0161, 47.0081, 94.2324



58.8134, 47.0081, 72.3033



60.6932, 47.0081, 49.0282

Triad

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



58.8134, 47.0081, 72.3033



43.9206, 47.0081, 20.0142



33.6419, 47.0081, 77.1770

Complementary

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



58.8134, 47.0081, 72.3033



51.1653, 69.1721, 50.7022

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.



31.7643, 47.0081, 53.4017



58.8134, 47.0081, 72.3033



37.2666, 47.0081, 23.7681

Square

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



58.8134, 47.0081, 72.3033



51.5477, 47.0081, 22.4809



33.0139, 47.0081, 34.6383



38.4507, 47.0081, 97.5553

Rectangle

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



58.8134, 47.0081, 72.3033



59.3176, 47.0081, 36.6580



33.0139, 47.0081, 34.6383



32.6730, 47.0081, 69.1147

Sweetspot

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



58.8148, 47.0102, 72.3043



86.5954, 84.4547, 101.8769



44.3581, 39.3038, 83.0912



18.2991, 17.6453, 21.6028



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.



58.8148, 47.0102, 72.3043



67.9132, 50.8302, 84.1202



54.4802, 45.2764, 49.4786



15.5711, 15.2563, 18.2926



24.0205, 11.8109, 26.9731



1.9201, 0.9410, 2.2969

Inverse Universe

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



58.8148, 47.0102, 72.3043



67.9132, 50.8302, 84.1202



55.3080, 70.8292, 72.5175



15.5711, 15.2563, 18.2926



24.0205, 11.8109, 26.9731



1.9201, 0.9410, 2.2969

Previews

White Background



This preview shows how the XYZ color 58.8134, 47.0081, 72.3033 looks on a white background.

Color Contrast Check

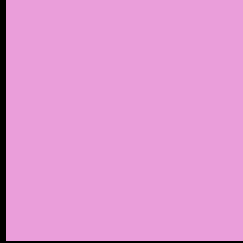
Large Text (above 18pt) WCAG AA × Fail

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 58.8134, 47.0081, 72.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

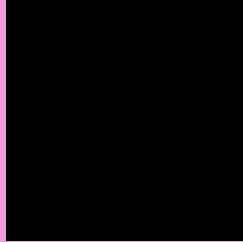
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8134, 47.0081, 72.3033

Background



This preview shows how black text looks on a background with the XYZ color 58.8134, 47.0081, 72.3033.



This preview shows how white text looks on a background with the XYZ color 58.8134, 47.0081,

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

58.8134, 47.0081, 72.3033

Protanopia

47.7373, 47.4233, 84.4795

Deuteranopia

48.0656, 47.0101, 70.1589



Tritanopia

53.9852, 47.1448, 48.3740

Trichromacy



Original Color

58.8134, 47.0081, 72.3033



Protanomaly

50.9395, 46.8260, 79.7523



Deuteranomaly

51.4573, 46.7286, 70.5974



Tritanomaly

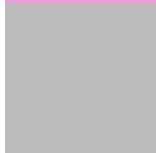
55.6778, 47.0336, 56.5959

Monochromacy



Original Color

58.8134, 47.0081, 72.3033



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.2078, 48.5469, 60.7044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8134, 47.0081, 72.3033 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(234, 158, 218)` looks like.

```
.text, #text, p{  
    color:rgb(234, 158, 218)  
}
```

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(234, 158, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 158, 218) }
```

Border

The CSS property to change the border of an element to XYZ 58.8134, 47.0081, 72.3033 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(234, 158, 218) }
```


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

```
.border{ border-color:rgb(234, 158, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 158, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 158, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 158, 218); box-shadow:4px 4px 4px 4px rgb(234, 158, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8134, 47.0081, 72.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 158, 218) }
```

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

```
.background{ background-color: rgb(234,  
158, 218) }
```

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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