

Converting Colors

XYZ(59.6409, 50.5342, 83.7814)

Have a look what the booklet for
XYZ(59.6409, 50.5342, 83.7814)
contains.

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Color

**XYZ(59.7023, 50.6970,
83.7296)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DFABE9 |
| RGB | 223, 171, 233 |
| RGB Percent | 87%, 67%, 91% |
| CMY | 0.1255, 0.3294, 0.0863 |
| CMYK | 0.04, 0.27, 0.00, 0.09 |
| HSL | 290°, 58%, 79% |
| HSV | 290°, 27%, 91% |
| XYZ | 59.7023, 50.6970, 83.7296 |
| YIQ | 193.6160, 11.0900, 30.3060 |

Conversions

Conversions Part 2

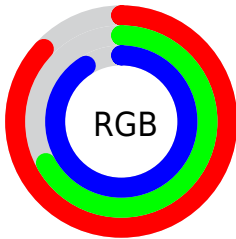
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 171, 233 |
| Decimal | 14658537 |
| CIE Lab | 76.50, 29.52, -23.76 |
| CIE LCh | 76, 37.894, 321.174 |
| Yxy | 50.6970, 0.3075, 0.2612 |
| Android (android.graphics.Color) | 4292848617 (0xFFDFABE9) |
| YUV | 193.6160, 19.4163, 25.7698 |
| Hunter-Lab | 71.2018, 25.0680, -19.8806 |

Details

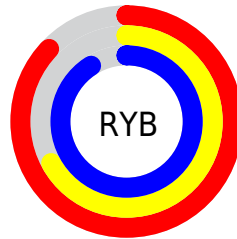
The XYZ color **59.7023, 50.6970, 83.7296** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.5474, 71.0431, 49.3156**, and the grayscale version is **50.9372, 53.5899, 58.3593**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **30.3506, 24.3467, 44.6947** is the 20% darker color. If you saturate the color by 10%, you get **54.5385, 42.0685, 82.3370**, and if you desaturate by 10%, it is **65.6707, 60.8946, 85.3841**.

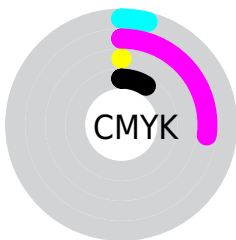
Distribution



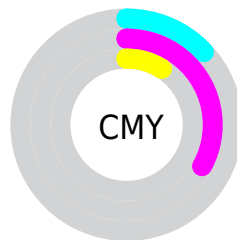
- Red (87%)
- Green (67%)
- Blue (91%)



- Red (87%)
- Yellow (67%)
- Blue (91%)



- Cyan (4%)
- Magenta (27%)
- Yellow (0%)
- Black (9%)





- Cyan (13%)
- Magenta (33%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7023, 50.6970, 83.7296 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 59.7023, 50.6970, 83.7296 by changing the saturation by 10% instead.


 59.7023, 50.6970,
83.7296

 59.7023, 50.6970,
83.7296


413.3519,
389.3854, 527.4494

 43.4273, 35.9675,
62.2481

 103.5065, 91.2067,
140.4552

 30.4165, 24.4091,
44.7961


131.7664,
117.7558, 176.5364

 20.3046, 15.6374,
30.9551


164.7519,
149.0135, 218.3213

 12.7262, 9.2679,
20.3065

202.8285,
185.3642, 266.2284

 7.3160, 4.9163,
12.4317

246.3614,
227.1924, 320.6762

 3.7086, 2.1983,
6.9123

295.7160,

 1.5386, 0.7190,

274.8824, 382.0833

3.3297

351.2578,
328.8186, 450.8682

■ 0.3519, 0.0000,
1.2654

■ 0.0000, 0.0000,
0.0331

■ 59.7023, 50.6970,
83.7296

■ 59.7023, 50.6970,
83.7296

■ 54.5385, 42.0685,
82.3370

■ 65.6707, 60.8946,
85.3841

■ 50.1337, 34.9209,
81.1896


■ 72.4768, 72.7303,
87.3099


■ 46.4448, 29.1675,
80.2735


■ 80.1577, 86.2769,
89.5199


■ 43.4225, 24.7098,
79.5724


■ 85.7394, 95.5863,
91.0226


 41.0107, 21.4360,
79.0676


 87.0147, 96.2437,
91.0822


 39.1441, 19.2158,
78.7374


 88.3165, 96.9148,
91.1432

 37.7401, 17.8840,
78.5544

 89.6450, 97.5997,
91.2053

 37.3226, 17.5414,
78.5102

 91.0002, 98.2983,
91.2688

 91.7081, 98.6632,
91.3019

Harmonies

Analogous

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



53.3211, 50.6970, 100.6253



59.7023, 50.6970, 83.7296



63.0784, 50.6970, 61.4612

Triad

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



59.7023, 50.6970, 83.7296



50.3251, 50.6970, 24.7318



36.4756, 50.6970, 70.6684

Complementary

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



59.7023, 50.6970, 83.7296



55.5474, 71.0431, 49.3156

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.



35.8440, 50.6970, 49.3800



59.7023, 50.6970, 83.7296



43.3916, 50.6970, 26.0367

Square

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



59.7023, 50.6970, 83.7296



57.3240, 50.6970, 29.8693



38.2549, 50.6970, 34.0222



40.0747, 50.6970, 91.8814

Rectangle

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



59.7023, 50.6970, 83.7296



62.9615, 50.6970, 47.9207



38.2549, 50.6970, 34.0222



35.9243, 50.6970, 63.1824

Sweetspot

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



59.7039, 50.6992, 83.7307



87.6838, 87.0492, 106.7885



48.0964, 47.7270, 83.7688



18.4881, 18.1433, 22.7775



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.



59.7039, 50.6992, 83.7307



69.6330, 56.1095, 101.7679



60.0945, 51.2219, 69.2291



15.4624, 15.1836, 19.0380



21.2662, 9.9990, 44.5521



1.7337, 0.8180, 3.5014

Inverse Universe

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



56.5094, 49.7879, 50.3500



65.1831, 54.8699, 53.9232



55.4128, 70.7280, 60.4092



15.1645, 15.0937, 16.1518



19.2921, 9.9195, 2.0734



1.5446, 0.7908, 0.3193

Previews

White Background



This preview shows how the XYZ color 59.7023, 50.6970, 83.7296 looks on a white background.

Color Contrast Check

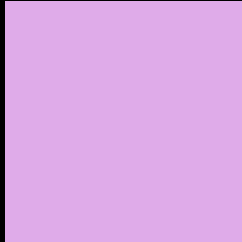
Large Text (above 18pt) WCAG AA × Fail

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 59.7023, 50.6970, 83.7296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

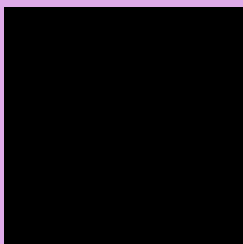
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7023, 50.6970, 83.7296

Background



This preview shows how black text looks on a background with the XYZ color 59.7023, 50.6970, 83.7296.



This preview shows how white text looks on a background with the XYZ color 59.7023, 50.6970,

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

59.7023, 50.6970, 83.7296

Protanopia

51.5550, 51.0710, 92.7284

Deuteranopia

52.1254, 50.9759, 81.9549



Tritanopia

54.3610, 50.8422, 57.4005

Trichromacy



Original Color

59.7023, 50.6970, 83.7296



Protanomaly

53.9903, 50.5455, 89.3487



Deuteranomaly

54.5645, 50.6914, 82.5099



Tritanomaly

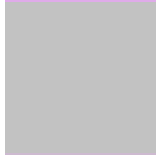
56.1239, 50.6648, 66.4957

Monochromacy



Original Color

59.7023, 50.6970, 83.7296



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.1209, 52.6510, 66.9847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7023, 50.6970, 83.7296 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(223, 171, 233)` looks like.

```
.text, #text, p{  
    color:rgb(223, 171, 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(223, 171, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 171, 233) }
```

Border

The CSS property to change the border of an element to XYZ 59.7023, 50.6970, 83.7296 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(223, 171, 233) }
```


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

```
.border{ border-color:rgb(223, 171, 233) }
```

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

Here you see how a box with a 4 pixel rgb(223, 171, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 171, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 171, 233);  
box-shadow:4px 4px 4px 4px rgb(223, 171,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7023, 50.6970, 83.7296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 171, 233) }
```

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

```
.background{ background-color: rgb(223,  
171, 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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