

Converting Colors

XYZ(51.2203, 47.3356, 76.2491)

Have a look what the booklet for
XYZ(51.2203, 47.3356, 76.2491)
contains.

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Color

**XYZ(51.2203, 47.3356,
76.2491)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AEDF
RGB	196, 174, 223
RGB Percent	77%, 68%, 87%
CMY	0.2314, 0.3176, 0.1255
CMYK	0.12, 0.22, 0.00, 0.13
HSL	267°, 43%, 78%
HSV	267°, 22%, 87%
XYZ	51.2203, 47.3356, 76.2491
YIQ	186.1640, -2.6170, 19.9030

Conversions

Conversions Part 2

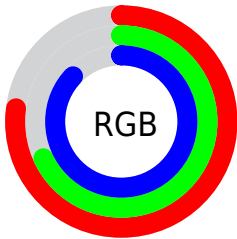
Format	Color
R _Y B	196, 174, 223
Decimal	12889823
CIE Lab	74.40, 17.21, -21.74
CIE LCh	74, 27.726, 308.375
Yxy	47.3356, 0.2930, 0.2708
Android (android.graphics.Color)	4291079903 (0xFFC4AEDF)
YUV	186.1640, 18.1601, 8.6262
Hunter-Lab	68.8009, 12.4867, -17.5480

Details

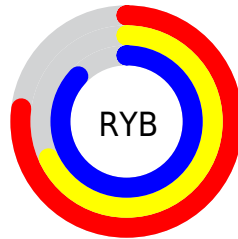
The XYZ color **51.2203, 47.3356, 76.2491** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.1166, 68.2500, 50.1571**, and the grayscale version is **46.6678, 49.0981, 53.4679**.

A 20% lighter version of the original color is **86.8548, 84.6963, 106.3780**, and **25.1827, 22.4970, 40.0609** is the 20% darker color. If you saturate the color by 10%, you get **44.1984, 37.8434, 74.7878**, and if you desaturate by 10%, it is **59.2222, 58.3971, 77.9632**.

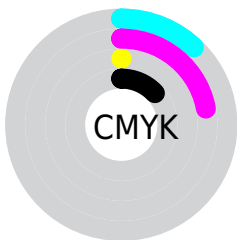
Distribution



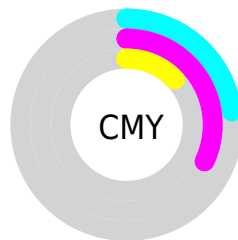
- Red (77%)
- Green (68%)
- Blue (87%)



- Red (77%)
- Yellow (68%)
- Blue (87%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (13%)





- Cyan (23%)
- Magenta (32%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2203, 47.3356, 76.2491 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 51.2203, 47.3356, 76.2491 by changing the saturation by 10% instead.


 51.2203, 47.3356,
76.2491

 51.2203, 47.3356,
76.2491


381.7927,
376.1525, 501.5695

 36.6057, 33.3010,
56.1289


 91.1614, 86.2144,
129.8423

 25.0746, 22.3572,
39.9016

117.2186,
111.8273, 164.1523

 16.2617, 14.1196,
27.1486


147.8207,
142.0686, 204.0294

 9.8015, 8.2039,
17.4515

183.3331,
177.3225, 249.8921

 5.3288, 4.2257,
10.3915

224.1212,
217.9734, 302.1589

 2.4782, 1.8006,
5.5503

270.5502,

 0.8843, 0.4875,

264.4058, 361.2484

2.5093

322.9856,
317.0041, 427.5791

■ 0.0000, 0.0000,
0.8451

■ 0.0000, 0.0000,
0.0000

■ 51.2203, 47.3356,
76.2491

■ 51.2203, 47.3356,
76.2491

■ 44.1984, 37.8434,
74.7878

■ 59.2222, 58.3971,
77.9632

■ 38.1105, 29.8408,
73.5640

■ 68.2385, 71.0908,
79.9381

■ 32.9133, 23.2499,
72.5657

■ 78.3072, 85.4831,
82.1854

■ 28.5581, 17.9831,
71.7787

■ 86.7896, 96.2881,
83.8239

■ 24.9908, 13.9426,
71.1868

■ 90.3194, 98.1078,
83.9891

■ 22.1498, 11.0166,
70.7718

■ 19.9627, 9.0713,
70.5115

■ 18.5881, 8.0439,
70.3857

Harmonies

Analogous

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



46.4044, 47.3356, 83.8206



51.2203, 47.3356, 76.2491



54.5223, 47.3356, 62.3553

Triad

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



51.2203, 47.3356, 76.2491



48.6239, 47.3356, 29.9672



36.1430, 47.3356, 55.6512

Complementary

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



51.2203, 47.3356, 76.2491



58.1166, 68.2500, 50.1571

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.



36.6409, 47.3356, 42.0544



51.2203, 47.3356, 76.2491



43.6067, 47.3356, 28.8375

Square

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



51.2203, 47.3356, 76.2491



52.9477, 47.3356, 36.2818



39.2885, 47.3356, 32.8454



37.8744, 47.3356, 70.5701

Rectangle

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



51.2203, 47.3356, 76.2491



55.2898, 47.3356, 52.3242



39.2885, 47.3356, 32.8454



36.0579, 47.3356, 50.7645

Sweetspot

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



51.2218, 47.3376, 76.2501



86.0911, 87.3173, 106.9242



51.8423, 56.4597, 77.9782



18.2687, 18.4668, 22.8515



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.



51.2218, 47.3376, 76.2501



65.2362, 58.4637, 102.4540



57.8912, 50.7758, 76.5623



13.5334, 13.5430, 17.2885



11.0556, 4.7947, 41.3911



0.8683, 0.3849, 2.8738

Inverse Universe

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



56.1116, 50.1791, 61.9885



72.9957, 62.9753, 79.7096



52.2216, 65.2110, 49.8812



14.0217, 13.8263, 15.8845



20.0488, 10.0865, 12.1885



1.4346, 0.7171, 1.0815

Previews

White Background



This preview shows how the XYZ color 51.2203, 47.3356, 76.2491 looks on a white background.

Color Contrast Check

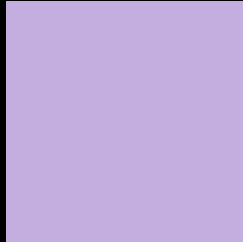
Large Text (above 18pt) WCAG AA × Fail

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 51.2203, 47.3356, 76.2491 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 51.2203, 47.3356, 76.2491

Background



This preview shows how black text looks on a background with the XYZ color 51.2203, 47.3356, 76.2491.



This preview shows how white text looks on a background with the XYZ color 51.2203, 47.3356,

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

51.2203, 47.3356, 76.2491

Protanopia

47.5407, 47.4198, 80.0461

Deuteranopia

48.3610, 47.3379, 75.6955



Tritanopia

47.2316, 47.1668, 57.0668

Trichromacy



Original Color

51.2203, 47.3356, 76.2491

Protanomaly

48.7039, 47.1555, 78.4865

Deuteranomaly

49.1567, 47.1573, 75.6187

Tritanomaly

48.6135, 47.1414, 63.6637

Monochromacy



Original Color

51.2203, 47.3356, 76.2491

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.2720, 48.5266, 60.8552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2203, 47.3356, 76.2491 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(196, 174, 223)` looks like.

```
.text, #text, p{  
    color:rgb(196, 174, 223)  
}
```

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(196, 174, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 174, 223) }
```

Border

The CSS property to change the border of an element to XYZ 51.2203, 47.3356, 76.2491 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(196, 174, 223) }
```


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

```
.border{ border-color:rgb(196, 174, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 174, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 174, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 174, 223);  
box-shadow:4px 4px 4px 4px rgb(196, 174,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2203, 47.3356, 76.2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 174, 223) }
```

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

```
.background{ background-color: rgb(196,  
174, 223) }
```

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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