

Converting Colors

XYZ(60.9618, 51.1428, 93.0459)

Have a look what the booklet for
XYZ(60.9618, 51.1428, 93.0459)
contains.

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Color

**XYZ(60.8631, 51.0905,
93.0398)**

Conversions

Conversions Part 1

Format	Color
Hex	DDABF5
RGB	221, 171, 245
RGB Percent	87%, 67%, 96%
CMY	0.1333, 0.3294, 0.0392
CMYK	0.10, 0.30, 0.00, 0.04
HSL	281°, 79%, 82%
HSV	281°, 30%, 96%
XYZ	60.8631, 51.0905, 93.0398
YIQ	194.3860, 6.0460, 33.6140

Conversions

Conversions Part 2

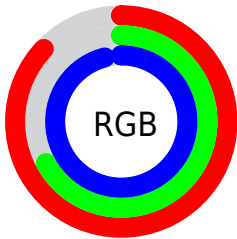
Format	Color
R _Y B	221, 171, 245
Decimal	14527477
CIE Lab	76.73, 31.25, -29.90
CIE LCh	77, 43.251, 316.264
Yxy	51.0905, 0.2969, 0.2492
Android (android.graphics.Color)	4292717557 (0xFFDDABF5)
YUV	194.3860, 24.9527, 23.3405
Hunter-Lab	71.4776, 26.9067, -27.1413

Details

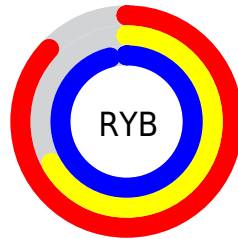
The XYZ color **60.8631, 51.0905, 93.0398** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.5104, 79.8484, 50.6480**, and the grayscale version is **51.3624, 54.0373, 58.8466**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **31.1808, 24.6303, 51.2548** is the 20% darker color. If you saturate the color by 10%, you get **54.2952, 41.4608, 91.5280**, and if you desaturate by 10%, it is **68.4065, 62.4989, 94.8451**.

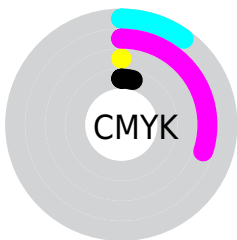
Distribution



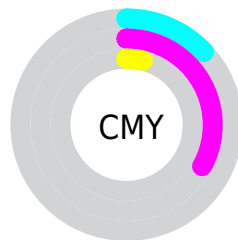
- Red (87%)
- Green (67%)
- Blue (96%)



- Red (87%)
- Yellow (67%)
- Blue (96%)



- Cyan (10%)
- Magenta (30%)
- Yellow (0%)
- Black (4%)





- Cyan (13%)
- Magenta (33%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8631, 51.0905, 93.0398 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 60.8631, 51.0905, 93.0398 by changing the saturation by 10% instead.


 60.8631, 51.0905,
93.0398

 60.8631, 51.0905,
93.0398

417.5558,
390.9153, 558.6936

 44.3668, 36.2806,
69.9167

 105.1799, 91.7885,
153.5259

 31.1581, 24.6510,
50.9823


133.7312,
118.4455, 191.7260

 20.8717, 15.8172,
35.8179


167.0315,
149.8203, 235.7889

 13.1422, 9.3949,
24.0050

205.4461,
186.2973, 286.1331

 7.6042, 4.9997,
15.1251

249.3405,
228.2609, 343.1771

 3.8924, 2.2471,
8.7596

299.0801,

 1.6414, 0.7455,

276.0955, 407.3395

4.4901

355.0300,
330.1855, 479.0388

■ 0.4192, 0.0000,
1.8979

■ 0.0000, 0.0000,
0.4914

■ 60.8631, 51.0905,
93.0398

■ 60.8631, 51.0905,
93.0398

■ 54.2952, 41.4608,
91.5280

■ 68.4065, 62.4989,
94.8451

■ 48.6488, 33.5076,
90.2905

■ 76.9657, 75.7678,
96.9551

■ 43.8719, 27.1280,
89.3109

■ 86.5848, 90.9820,
99.3847

■ 39.9048, 22.2050,
88.5697

■ 92.6718, 98.9552,
100.6029

■ 36.6791, 18.6047,
88.0448

■ 93.4816, 99.3726,
100.6408

■ 34.1140, 16.1675,
87.7096

■ 32.1114, 14.6501,
87.5223

Harmonies

Analogous

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



53.1098, 51.0905, 111.1956



60.8631, 51.0905, 93.0398



65.5383, 51.0905, 67.0518

Triad

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



60.8631, 51.0905, 93.0398



52.4000, 51.0905, 22.2895



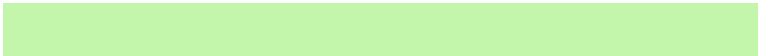
34.9450, 51.0905, 69.2543

Complementary

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



60.8631, 51.0905, 93.0398



62.5104, 79.8484, 50.6480

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.



34.8007, 51.0905, 45.5831



60.8631, 51.0905, 93.0398



44.2777, 51.0905, 22.5708

Square

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



60.8631, 51.0905, 93.0398



60.2933, 51.0905, 28.9703



38.0378, 51.0905, 29.8915



38.4571, 51.0905, 95.0382

Rectangle

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



60.8631, 51.0905, 93.0398



65.9749, 51.0905, 50.8471



38.0378, 51.0905, 29.8915



34.5158, 51.0905, 60.7014

Sweetspot

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



60.8648, 51.0927, 93.0409



85.4751, 84.8369, 106.4779



52.9428, 54.5822, 94.1320



17.9831, 17.6693, 22.7126



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.



60.8648, 51.0927, 93.0409



62.3048, 49.5295, 100.8841



66.8809, 54.4045, 83.8186



16.6607, 16.4832, 20.8460



17.4502, 7.9702, 47.1567



1.6411, 0.7558, 4.1496

Inverse Universe

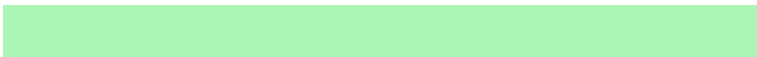
The Inverse Universe completely reimagines the original color for something new.



62.0710, 52.4805, 58.4901



63.9954, 51.3745, 56.9797



58.0307, 77.3968, 56.8646



16.7207, 16.5711, 18.2756



21.1117, 10.7881, 5.2965



1.9007, 0.9662, 0.7034

Previews

White Background



This preview shows how the XYZ color 60.8631, 51.0905, 93.0398 looks on a white background.

Color Contrast Check

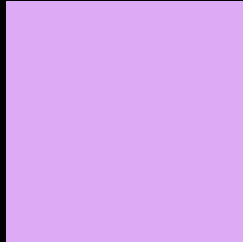
Large Text (above 18pt) WCAG AA × Fail

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 60.8631, 51.0905, 93.0398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

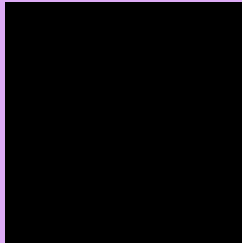
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8631, 51.0905, 93.0398

Background



This preview shows how black text looks on a background with the XYZ color 60.8631, 51.0905, 93.0398.



This preview shows how white text looks on a background with the XYZ color 60.8631, 51.0905,

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

60.8631, 51.0905, 93.0398

Protanopia

52.3979, 51.3067, 101.7493

Deuteranopia

52.4083, 51.2319, 91.1309



Tritanopia

53.8148, 51.1340, 58.6633

Trichromacy



Original Color

60.8631, 51.0905, 93.0398

Protanomaly

54.9227, 50.8316, 98.1835

Deuteranomaly

55.2072, 51.1209, 91.7516

Tritanomaly

56.0513, 50.8473, 69.8111

Monochromacy



Original Color

60.8631, 51.0905, 93.0398

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

54.4710, 52.7593, 70.2634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8631, 51.0905, 93.0398 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(221, 171, 245)` looks like.

```
.text, #text, p{  
    color:rgb(221, 171, 245)  
}
```

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(221, 171, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 171, 245) }
```

Border

The CSS property to change the border of an element to XYZ 60.8631, 51.0905, 93.0398 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(221, 171, 245) }
```


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

```
.border{ border-color:rgb(221, 171, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 171, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 171, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 171, 245);  
box-shadow:4px 4px 4px 4px rgb(221, 171,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8631, 51.0905, 93.0398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 171, 245) }
```

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

```
.background{ background-color: rgb(221,  
171, 245) }
```

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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