

Converting Colors

XYZ(62.5482, 49.2122,
100.8100)

Have a look what the booklet for
XYZ(62.5482, 49.2122, 100.8100)
contains.

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Color

**XYZ(62.6489, 49.3916,
100.8393)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A2FF
RGB	227, 162, 255
RGB Percent	89%, 64%, 100%
CMY	0.1098, 0.3647, 0.0000
CMYK	0.11, 0.36, 0.00, 0.00
HSL	282°, 100%, 82%
HSV	282°, 36%, 100%
XYZ	62.6489, 49.3916, 100.8393
YIQ	192.0370, 8.8870, 42.7030

Conversions

Conversions Part 2

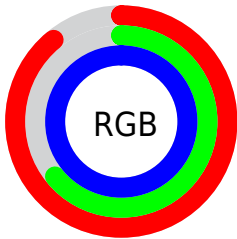
Format	Color
R_{YB}	227, 162, 255
Decimal	14918399
CIE _{Lab}	75.69, 39.91, -36.85
CIE _{LCh}	76, 54.320, 317.276
Yxy	49.3916, 0.2943, 0.2320
Android (android.graphics.Color)	4293108479 (0xFFE3A2FF)
YUV	192.0370, 31.0408, 30.6626
Hunter-Lab	70.2792, 36.1316, -35.8762

Details

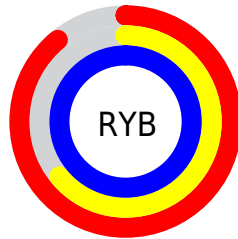
The XYZ color **62.6489, 49.3916, 100.8393** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.5179, 85.0763, 47.2583**, and the grayscale version is **49.9469, 52.5480, 57.2248**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **32.2392, 23.5605, 56.2745** is the 20% darker color. If you saturate the color by 10%, you get **56.2367, 40.0814, 99.3802**, and if you desaturate by 10%, it is **70.0828, 60.5829, 102.6076**.

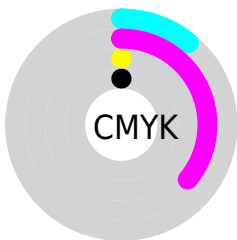
Distribution



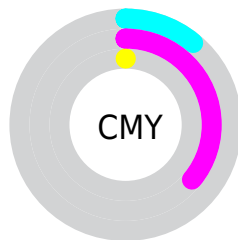
- Red (89%)
- Green (64%)
- Blue (100%)



- Red (89%)
- Yellow (64%)
- Blue (100%)



- Cyan (11%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)




- Cyan (11%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6489, 49.3916, 100.8393 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 62.6489, 49.3916, 100.8393 by changing the saturation by 10% instead.


 62.6489, 49.3916,
100.8393


 62.6489, 49.3916,
100.8393


423.9741,
384.2819, 584.1499

 45.8148, 34.9302,
76.3809


 107.7475, 89.2728,
164.3720

 32.3037, 23.6091,
56.2363


 136.7427,
115.4614, 204.2834

 21.7503, 15.0439,
39.9872


170.5223,
146.3279, 250.1828

 13.7891, 8.8502,
27.2148

209.4517,
182.2566, 302.4889

 8.0548, 4.6436,
17.5008

253.8962,
223.6319, 361.6200

 4.1822, 2.0397,
10.4265

304.2212,

 1.8057, 0.6304,

270.8384, 427.9949

5.5733

360.7921,
324.2602, 502.0320

■ 0.5211, 0.0000,
2.5229

■ 0.0000, 0.0000,
0.8522

■ 62.6489, 49.3916,
100.8393

■ 62.6489, 49.3916,
100.8393

■ 56.2367, 40.0814,
99.3802

■ 70.0828, 60.5829,
102.6076

■ 50.7849, 32.5347,
98.2109

■ 78.5860, 73.7514,
104.7013

■ 46.2321, 26.6300,
97.3111

■ 88.2082, 88.9937,
107.1362

■ 42.5074, 22.2274,
96.6577

95.0500, 100.0000,
108.9000

■ 39.5277, 19.1629,
96.2232

■ 37.1895, 17.2318,
95.9737

■ 36.4624, 16.7119,
95.9117

Harmonies

Analogous

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



52.9313, 49.3916, 125.9800



62.6489, 49.3916, 100.8393



68.4705, 49.3916, 66.9365

Triad

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



62.6489, 49.3916, 100.8393



51.3390, 49.3916, 15.8040



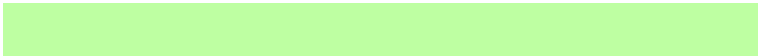
30.7818, 49.3916, 71.9785

Complementary

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



62.6489, 49.3916, 100.8393



63.5179, 85.0763, 47.2583

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.



30.4824, 49.3916, 42.4697



62.6489, 49.3916, 100.8393



41.4284, 49.3916, 16.3130

Square

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



62.6489, 49.3916, 100.8393



61.3406, 49.3916, 22.4695



34.1130, 49.3916, 24.2546



34.9991, 49.3916, 105.6473

Rectangle

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



62.6489, 49.3916, 100.8393



68.8823, 49.3916, 47.0596



34.1130, 49.3916, 24.2546



30.2435, 49.3916, 61.1095

Sweetspot

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



62.6504, 49.3936, 100.8396



83.7064, 81.8242, 105.9896



51.6811, 52.3615, 101.9906



17.6381, 17.0728, 22.6157



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.



62.6504, 49.3936, 100.8396



57.7284, 42.2117, 99.7128



69.5866, 53.2725, 87.4661



18.2290, 18.0098, 22.7654



19.2106, 8.8139, 50.1233



1.9811, 0.9152, 4.8855

Inverse Universe

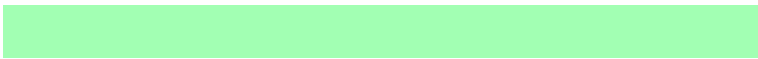
The Inverse Universe completely reimagines the original color for something new.



63.4557, 50.8202, 55.1815



58.9264, 44.0025, 46.7633



58.8034, 82.4587, 55.4933



18.2344, 18.0771, 19.8517



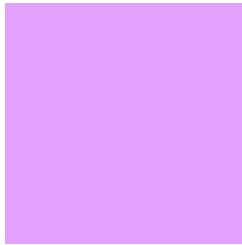
22.3018, 11.4100, 4.9740



2.2173, 1.1293, 0.7259

Previews

White Background



This preview shows how the XYZ color 62.6489, 49.3916, 100.8393 looks on a white background.

Color Contrast Check

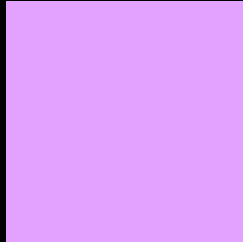
Large Text (above 18pt) WCAG AA × Fail

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 62.6489, 49.3916, 100.8393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

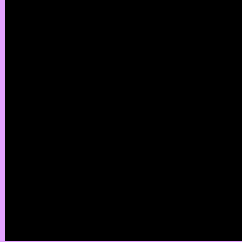
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6489, 49.3916, 100.8393

Background



This preview shows how black text looks on a background with the XYZ color 62.6489, 49.3916, 100.8393.



This preview shows how white text looks on a background with the XYZ color 62.6489, 49.3916,

100.8393.

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

62.6489, 49.3916, 100.8393

Protanopia

50.9160, 49.9173, 101.5592

Deuteranopia

50.9153, 49.6810, 98.1727



Tritanopia

53.3259, 49.4765, 54.8835

Trichromacy



Original Color

62.6489, 49.3916, 100.8393



Protanomaly

54.5112, 49.3556, 101.2613



Deuteranomaly

54.3312, 49.0261, 98.6949



Tritanomaly

56.3919, 49.3021, 69.4949

Monochromacy



Original Color

62.6489, 49.3916, 100.8393



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.9665, 50.9332, 71.2767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6489, 49.3916, 100.8393 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(227, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 162, 255)  
}
```

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(227, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 162, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.6489, 49.3916, 100.8393 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(227, 162, 255) }
```


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

```
.border{ border-color:rgb(227, 162, 255) }
```

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

Here you see how a box with a 4 pixel rgb(227, 162, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 162,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6489, 49.3916, 100.8393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 162, 255) }
```

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

```
.background{ background-color: rgb(227,  
162, 255) }
```

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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