

Converting Colors

XYZ(62.0776, 49.6217,
100.9138)

Have a look what the booklet for
XYZ(62.0776, 49.6217, 100.9138)
contains.

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Color

**XYZ(62.0659, 49.6182,
100.9138)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A4FF
RGB	224, 164, 255
RGB Percent	88%, 64%, 100%
CMY	0.1216, 0.3568, 0.0000
CMYK	0.12, 0.36, 0.00, 0.00
HSL	280°, 100%, 82%
HSV	280°, 36%, 100%
XYZ	62.0659, 49.6182, 100.9138
YIQ	192.3140, 6.5490, 41.0210

Conversions

Conversions Part 2

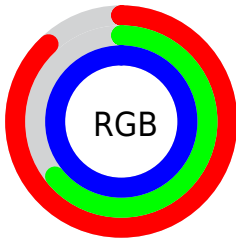
Format	Color
R _Y B	224, 164, 255
Decimal	14722303
CIE Lab	75.83, 37.95, -36.66
CIE LCh	76, 52.765, 315.988
Yxy	49.6182, 0.2919, 0.2334
Android (android.graphics.Color)	4292912383 (0xFFE0A4FF)
YUV	192.3140, 30.9042, 27.7886
Hunter-Lab	70.4402, 34.0087, -35.6317

Details

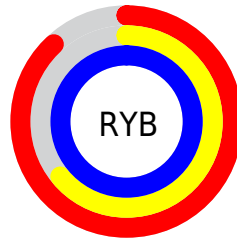
The XYZ color **62.0659, 49.6182, 100.9138** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.9676, 85.8029, 48.2616**, and the grayscale version is **50.1101, 52.7197, 57.4118**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **32.0259, 23.7709, 56.3264** is the 20% darker color. If you saturate the color by 10%, you get **55.3281, 40.0370, 99.4195**, and if you desaturate by 10%, it is **69.8591, 61.1040, 102.7200**.

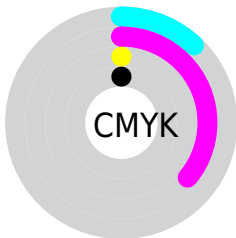
Distribution



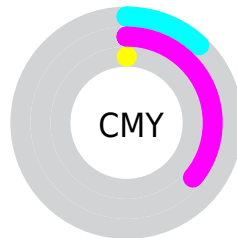
- Red (88%)
- Green (64%)
- Blue (100%)



- Red (88%)
- Yellow (64%)
- Blue (100%)



- Cyan (12%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0659, 49.6182, 100.9138 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 62.0659, 49.6182, 100.9138 by changing the saturation by 10% instead.


 62.0659, 49.6182,
100.9138


 62.0659, 49.6182,
100.9138


421.8852,
385.1710, 584.3901

 45.3418, 35.1101,
76.4428


 106.9102, 89.6089,
164.4752

 31.9291, 23.7477,
56.2868

 135.7610,
115.8604, 204.4027

 21.4627, 15.1466,
40.0274


169.3848,
146.7951, 250.3193

 13.5770, 8.9223,
27.2460

208.1468,
182.7974, 302.6438

 7.9068, 4.6906,
17.5240

252.4126,
224.2517, 361.7946

 4.0867, 2.0669,
10.4429

302.5473,

 1.7513, 0.6459,

271.5425, 428.1902

5.5841

358.9164,
325.0542, 502.2492

■ 0.4880, 0.0000,
2.5292

■ 0.0000, 0.0000,
0.8556

■ 62.0659, 49.6182,
100.9138

■ 62.0659, 49.6182,
100.9138

■ 55.3281, 40.0370,
99.4195

■ 69.8591, 61.1040,
102.7200

■ 49.5842, 32.2433,
98.2179

■ 78.7556, 74.5902,
104.8542

■ 44.7727, 26.1163,
97.2889

■ 88.8055, 90.1732,
107.3324

■ 40.8226, 21.5173,
96.6094

95.0500, 100.0000,
108.9000

■ 37.6514, 18.2842,
96.1525

■ 35.1571, 16.2168,
95.8849

■ 34.2269, 15.5595,
95.8071

Harmonies

Analogous

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



52.5481, 49.6182, 124.3583



62.0659, 49.6182, 100.9138



67.9273, 49.6182, 68.1872

Triad

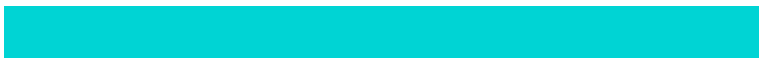
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.0659, 49.6182, 100.9138



51.8760, 49.6182, 16.7391



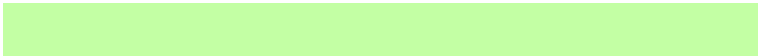
31.2547, 49.6182, 70.3095

Complementary

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



62.0659, 49.6182, 100.9138



64.9676, 85.8029, 48.2616

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.



31.1270, 49.6182, 41.9748



62.0659, 49.6182, 100.9138



42.1545, 49.6182, 16.9607

Square

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



62.0659, 49.6182, 100.9138



61.5154, 49.6182, 23.7471



34.8559, 49.6182, 24.5165



35.2331, 49.6182, 102.9241

Rectangle

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



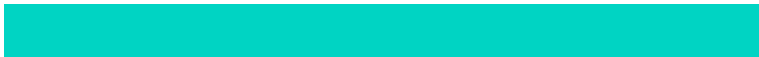
62.0659, 49.6182, 100.9138



68.5135, 49.6182, 48.5851



34.8559, 49.6182, 24.5165



30.7809, 49.6182, 59.8582

Sweetspot

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



62.0674, 49.6202, 100.9141



83.3169, 81.6234, 105.9714



53.0676, 54.5266, 102.3355



17.5450, 17.0248, 22.6113



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.



62.0674, 49.6202, 100.9141



57.0371, 42.4291, 99.7912



70.4459, 54.1844, 90.2397



18.1565, 17.9724, 22.7620



18.0505, 8.2158, 50.0690



1.8745, 0.8603, 4.8805

Inverse Universe

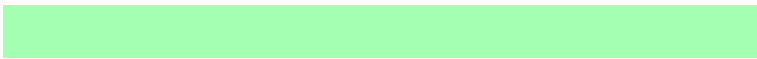
The Inverse Universe completely reimagines the original color for something new.



64.3669, 51.7528, 58.2280



59.9353, 45.0245, 50.1693



59.0720, 82.6135, 54.7701



18.2647, 18.0892, 20.0111



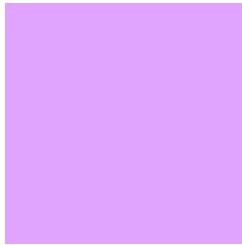
22.5073, 11.4922, 6.0558



2.2402, 1.1385, 0.8465

Previews

White Background



This preview shows how the XYZ color 62.0659, 49.6182, 100.9138 looks on a white background.

Color Contrast Check

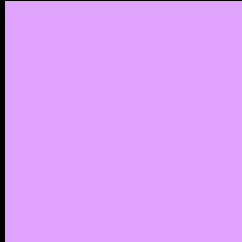
Large Text (above 18pt) WCAG AA × Fail

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 62.0659, 49.6182, 100.9138 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 62.0659, 49.6182, 100.9138

Background



This preview shows how black text looks on a background with the XYZ color 62.0659, 49.6182, 100.9138.



This preview shows how white text looks on a background with the XYZ color 62.0659, 49.6182,

100.9138.

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

62.0659, 49.6182, 100.9138

Protanopia

51.1248, 50.0249, 101.5689

Deuteranopia

51.1306, 49.7921, 98.1827



Tritanopia

52.8577, 49.5020, 56.0592

Trichromacy



Original Color

62.0659, 49.6182, 100.9138



Protanomaly

54.2657, 49.2291, 101.2498



Deuteranomaly

54.5280, 49.4197, 98.7605

Tritanomaly

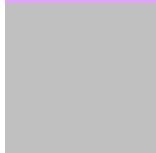
55.8036, 49.2655, 70.1864

Monochromacy



Original Color

62.0659, 49.6182, 100.9138



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.8955, 51.1996, 71.3319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0659, 49.6182, 100.9138 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(224, 164, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 164, 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(224, 164, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 164, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.0659, 49.6182, 100.9138 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(224, 164, 255) }
```


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

```
.border{ border-color:rgb(224, 164, 255) }
```

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

Here you see how a box with a 4 pixel rgb(224, 164, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 164, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 164, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 164,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0659, 49.6182, 100.9138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 164, 255) }
```

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

```
.background{ background-color: rgb(224,  
164, 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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