

Converting Colors

XYZ(62.2207, 48.3789,
100.6664)

Have a look what the booklet for
XYZ(62.2207, 48.3789, 100.6664)
contains.

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Color

**XYZ(62.1267, 48.3472,
100.6652)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E39FFF |
| RGB | 227, 159, 255 |
| RGB Percent | 89%, 62%, 100% |
| CMY | 0.1098, 0.3765, 0.0000 |
| CMYK | 0.11, 0.38, 0.00, 0.00 |
| HSL | 283°, 100%, 81% |
| HSV | 283°, 38%, 100% |
| XYZ | 62.1267, 48.3472, 100.6652 |
| YIQ | 190.2760, 9.7120, 44.2720 |

Conversions

Conversions Part 2

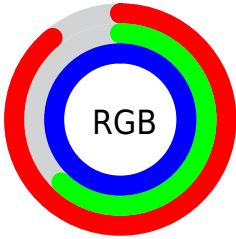
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 227, 159, 255 |
| Decimal | 14917631 |
| CIE Lab | 75.04, 41.50, -37.86 |
| CIE LCh | 75, 56.177, 317.621 |
| Yxy | 48.3472, 0.2942, 0.2290 |
| Android (android.graphics.Color) | 4293107711 (0xFFE39FFF) |
| YUV | 190.2760, 31.9089, 32.2069 |
| Hunter-Lab | 69.5322, 37.8078, -37.1646 |

Details

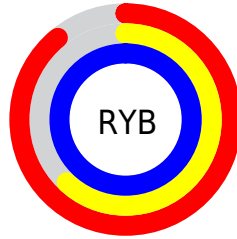
The XYZ color **62.1267, 48.3472, 100.6652** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **62.5126, 84.5885, 45.8355**, and the grayscale version is **48.9219, 51.4697, 56.0505**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **31.9246, 22.9313, 56.1697** is the 20% darker color. If you saturate the color by 10%, you get **55.8905, 39.2815, 99.2441**, and if you desaturate by 10%, it is **69.3717, 59.2780, 102.3933**.

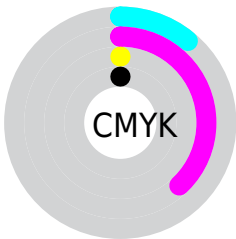
Distribution



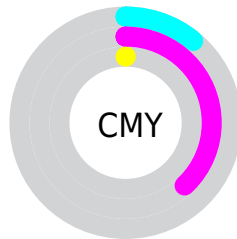
- Red (89%)
- Green (62%)
- Blue (100%)



- Red (89%)
- Yellow (62%)
- Blue (100%)



- Cyan (11%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1267, 48.3472, 100.6652 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 62.1267, 48.3472, 100.6652 by changing the saturation by 10% instead.


 62.1267, 48.3472,
100.6652

 62.1267, 48.3472,
100.6652


422.1033,
380.1667, 583.5882

 45.3911, 34.1019,
76.2362


 106.9975, 87.7211,
164.1309

 31.9682, 22.9719,
56.1184


 135.8634,
113.6186, 204.0046

 21.4926, 14.5728,
39.8932


169.5035,
144.1688, 249.8637

 13.5991, 8.5201,
27.1422

208.2830,
179.7564, 302.1267

 7.9222, 4.4295,
17.4466

252.5674,
220.7655, 361.2121

 4.0966, 1.9166,
10.3881

302.7220,

 1.7569, 0.5583,

267.5807, 427.5384

5.5481

359.1122,
320.5863, 501.5243

■ 0.4915, 0.0000,
2.5080

■ 0.0000, 0.0000,
0.8444

■ 62.1267, 48.3472,
100.6652

■ 62.1267, 48.3472,
100.6652

■ 55.8905, 39.2815,
99.2441

■ 69.3717, 59.2780,
102.3933

■ 50.6013, 31.9622,
98.1101

■ 77.6735, 72.1710,
104.4443

■ 46.1970, 26.2661,
97.2428

■ 87.0820, 87.1236,
106.8346

■ 42.6056, 22.0512,
96.6185

95.0500, 100.0000,
108.9000

■ 39.7425, 19.1500,
96.2094

■ 37.4961, 17.3416,
95.9787

■ 37.0187, 16.9987,
95.9377

Harmonies

Analogous

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



52.1894, 48.3472, 126.9709



62.1267, 48.3472, 100.6652



68.0494, 48.3472, 65.7111

Triad

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



62.1267, 48.3472, 100.6652



50.3142, 48.3472, 14.4860



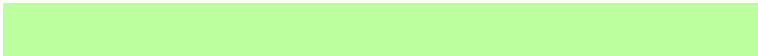
29.5933, 48.3472, 71.6722

Complementary

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



62.1267, 48.3472, 100.6652



62.5126, 84.5885, 45.8355

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.



29.2463, 48.3472, 41.4317



62.1267, 48.3472, 100.6652



40.2335, 48.3472, 15.0595

Square

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



62.1267, 48.3472, 100.6652



60.5790, 48.3472, 20.9561



32.8617, 48.3472, 22.9973



33.8930, 48.3472, 106.4031

Rectangle

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



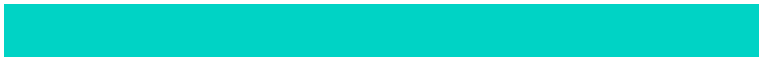
62.1267, 48.3472, 100.6652



68.4196, 48.3472, 45.4961



32.8617, 48.3472, 22.9973



29.0363, 48.3472, 60.4992

Sweetspot

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



62.1282, 48.3492, 100.6656



83.7994, 81.8721, 105.9939



50.2903, 50.4739, 101.6996



17.6603, 17.0842, 22.6167



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.



62.1282, 48.3492, 100.6656



57.4458, 41.5051, 99.5913



68.7504, 52.1025, 85.6386



18.2463, 18.0187, 22.7662



19.4990, 8.9626, 50.1368



2.0074, 0.9288, 4.8867

Inverse Universe

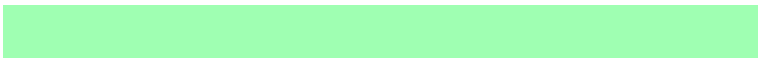
The Inverse Universe completely reimagines the original color for something new.



62.6089, 49.6459, 53.2979



58.2671, 43.1343, 45.1550



58.1154, 82.1140, 55.0135



18.2273, 18.0742, 19.8139



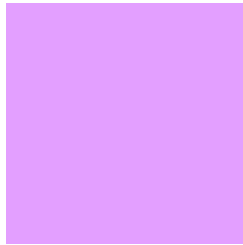
22.2572, 11.3922, 4.7390



2.2122, 1.1273, 0.6990

Previews

White Background



This preview shows how the XYZ color 62.1267, 48.3472, 100.6652 looks on a white background.

Color Contrast Check

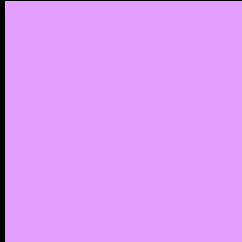
Large Text (above 18pt) WCAG AA × Fail

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 62.1267, 48.3472, 100.6652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

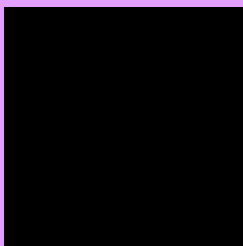
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1267, 48.3472, 100.6652

Background



This preview shows how black text looks on a background with the XYZ color 62.1267, 48.3472, 100.6652.



This preview shows how white text looks on a background with the XYZ color 62.1267, 48.3472,

100.6652.

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

62.1267, 48.3472, 100.6652

Protanopia

50.0877, 48.8735, 101.4014

Deuteranopia

49.7092, 48.4650, 97.1772



Tritanopia

52.5285, 48.2267, 53.5538

Trichromacy



Original Color

62.1267, 48.3472, 100.6652



Protanomaly

53.4358, 47.9312, 101.0430



Deuteranomaly

53.4458, 47.9917, 98.5419

Tritanomaly

55.7051, 48.1309, 68.6416

Monochromacy



Original Color

62.1267, 48.3472, 100.6652



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.8863, 49.7917, 70.4417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1267, 48.3472, 100.6652 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, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 159, 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, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.1267, 48.3472, 100.6652 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, 159, 255) }
```


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

```
.border{ border-color:rgb(227, 159, 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, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 159,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1267, 48.3472, 100.6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 159, 255) }
```

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

```
.background{ background-color: rgb(227,  
159, 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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