

Converting Colors

XYZ(62.3962, 46.9914,
100.3893)

Have a look what the booklet for
XYZ(62.3962, 46.9914, 100.3893)
contains.

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Color

**XYZ(62.3962, 46.9914,
100.3893)**

Conversions

Conversions Part 1

Format	Color
Hex	E799FF
RGB	231, 153, 255
RGB Percent	91%, 60%, 100%
CMY	0.0941, 0.4000, 0.0000
CMYK	0.09, 0.40, 0.00, 0.00
HSL	286°, 100%, 80%
HSV	286°, 40%, 100%
XYZ	62.3962, 46.9914, 100.3893
YIQ	187.9500, 13.7460, 48.2580

Conversions

Conversions Part 2

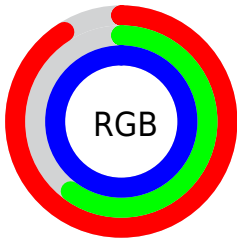
Format	Color
R_YB	231, 153, 255
Decimal	15178239
CIE _{Lab}	74.18, 45.83, -39.17
CIE _{LCh}	74, 60.286, 319.480
Yxy	46.9914, 0.2974, 0.2240
Android (android.graphics.Color)	4293368319 (0xFFE799FF)
YUV	187.9500, 33.0557, 37.7549
Hunter-Lab	68.5503, 42.5123, -38.8428

Details

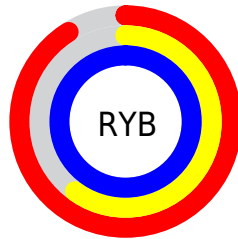
The XYZ color **62.3962, 46.9914, 100.3893** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **59.6423, 83.1675, 43.0486**, and the grayscale version is **47.5859, 50.0640, 54.5197**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **32.2058, 22.1902, 56.0118** is the 20% darker color. If you saturate the color by 10%, you get **56.7568, 38.5374, 99.0548**, and if you desaturate by 10%, it is **68.9967, 57.2669, 102.0248**.

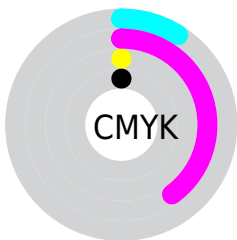
Distribution



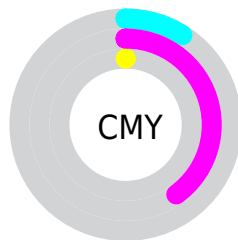
- Red (91%)
- Green (60%)
- Blue (100%)



- Red (91%)
- Yellow (60%)
- Blue (100%)



- Cyan (9%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3962, 46.9914, 100.3893 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 62.3962, 46.9914, 100.3893 by changing the saturation by 10% instead.


 62.3962, 46.9914,
100.3893

 62.3962, 46.9914,
100.3893


423.0694,
374.7802, 582.6974

 45.6097, 33.0289,
76.0070


 107.3847, 85.7008,
163.7486

 32.1413, 22.1486,
55.9316


 136.3173,
111.2164, 203.5627

 21.6255, 13.9661,
39.7444


170.0295,
141.3519, 249.3578

 13.6970, 8.0971,
27.0271

208.8864,
176.4915, 301.5525

 7.9905, 4.1571,
17.3609

253.2535,
217.0198, 360.5652

 4.1407, 1.7618,
10.3275

303.4962,

 1.7820, 0.4632,

263.3211, 426.8146

5.5082

359.9797,
315.7797, 500.7191

■ 0.5068, 0.0000,
2.4845

■ 0.0000, 0.0000,
0.8319

■ 62.3962, 46.9914,
100.3893

■ 62.3962, 46.9914,
100.3893

■ 56.7568, 38.5374,
99.0548

■ 68.9967, 57.2669,
102.0248

■ 52.0160, 31.7842,
98.0012

■ 76.6067, 69.4631,
103.9778

■ 48.1107, 26.6053,
97.2074

■ 85.2767, 83.6785,
106.2647

■ 44.9670, 22.8539,
96.6490

95.0500, 100.0000,
108.9000

■ 42.4967, 20.3550,
96.2968

■ 40.5566, 18.8226,
96.1033

■ 40.5562, 18.8224,
96.1033

Harmonies

Analogous

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



51.9584, 46.9914, 130.2781



62.3962, 46.9914, 100.3893



68.3684, 46.9914, 62.8182

Triad

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



62.3962, 46.9914, 100.3893



48.5662, 46.9914, 12.1237



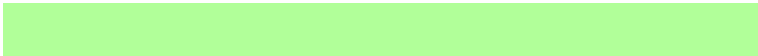
27.7980, 46.9914, 73.6891

Complementary

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



62.3962, 46.9914, 100.3893



59.6423, 83.1675, 43.0486

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.



27.1900, 46.9914, 41.0513



62.3962, 46.9914, 100.3893



38.0863, 46.9914, 13.0688

Square

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



62.3962, 46.9914, 100.3893



59.5710, 46.9914, 17.9489



30.6563, 46.9914, 21.4219



32.4776, 46.9914, 111.0504

Rectangle

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



62.3962, 46.9914, 100.3893



68.4554, 46.9914, 41.9758



30.6563, 46.9914, 21.4219



27.1430, 46.9914, 61.6074

Sweetspot

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



62.3977, 46.9933, 100.3896



83.4539, 80.6665, 105.7794



47.2086, 46.0344, 101.0051



17.6131, 16.8550, 22.5750



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.



62.3977, 46.9933, 100.3896



57.8100, 40.0870, 99.2984



66.8450, 49.7293, 80.5718



18.3504, 18.0723, 22.7711



21.3303, 9.9067, 50.2225



2.1729, 1.0141, 4.8945

Inverse Universe

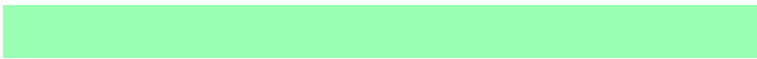
The Inverse Universe completely reimagines the original color for something new.



60.5682, 47.2185, 47.5183



56.0411, 40.5130, 38.7691



56.9844, 81.5274, 55.1181



18.1845, 18.0571, 19.5887



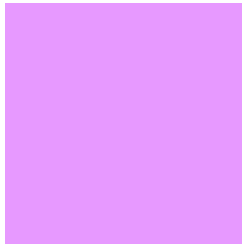
22.0224, 11.2983, 3.5025



2.1844, 1.1161, 0.5522

Previews

White Background



This preview shows how the XYZ color 62.3962, 46.9914, 100.3893 looks on a white background.

Color Contrast Check

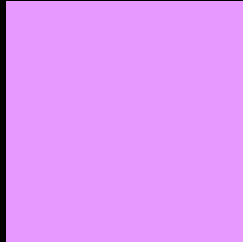
Large Text (above 18pt) WCAG AA × Fail

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 62.3962, 46.9914, 100.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

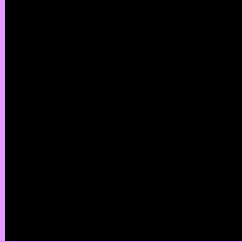
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3962, 46.9914, 100.3893

Background



This preview shows how black text looks on a background with the XYZ color 62.3962, 46.9914, 100.3893.



This preview shows how white text looks on a background with the XYZ color 62.3962, 46.9914,

100.3893.

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

62.3962, 46.9914, 100.3893

Protanopia

48.6693, 47.2334, 101.1596

Deuteranopia

48.4769, 47.2260, 97.0030



Tritanopia

52.1467, 46.9690, 50.5735

Trichromacy



Original Color

62.3962, 46.9914, 100.3893



Protanomaly

52.4323, 46.2837, 100.7779



Deuteranomaly

52.4389, 46.3425, 98.2766

Tritanomaly

55.3463, 46.6451, 66.4079

Monochromacy



Original Color

62.3962, 46.9914, 100.3893



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

52.1155, 48.2508, 68.8539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3962, 46.9914, 100.3893 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(231, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 153, 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(231, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.3962, 46.9914, 100.3893 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(231, 153, 255) }
```


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

```
.border{ border-color:rgb(231, 153, 255) }
```

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

Here you see how a box with a 4 pixel rgb(231, 153, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3962, 46.9914, 100.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 153, 255) }
```

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

```
.background{ background-color: rgb(231,  
153, 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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