

Converting Colors

XYZ(72.6996, 64.5272,
102.6844)

Have a look what the booklet for
XYZ(72.6996, 64.5272, 102.6844)
contains.

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Color

**XYZ(72.6644, 64.3631,
102.3594)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC3FE
RGB	238, 195, 254
RGB Percent	93%, 76%, 100%
CMY	0.0667, 0.2353, 0.0039
CMYK	0.06, 0.23, 0.00, 0.00
HSL	284°, 97%, 88%
HSV	284°, 23%, 100%
XYZ	72.6644, 64.3631, 102.3594
YIQ	214.5830, 6.6890, 27.4650

Conversions

Conversions Part 2

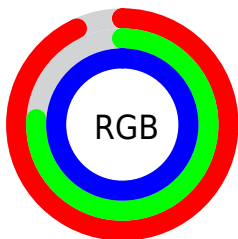
Format	Color
R _Y B	238, 195, 254
Decimal	15647742
CIE Lab	84.15, 25.49, -23.24
CIE LCh	84, 34.497, 317.641
Yxy	64.3631, 0.3035, 0.2689
Android (android.graphics.Color)	4293837822 (0xFFEEC3FE)
YUV	214.5830, 19.4326, 20.5367
Hunter-Lab	80.2266, 21.2779, -19.4882

Details

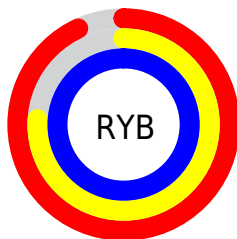
The XYZ color **72.6644, 64.3631, 102.3594** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.1583, 88.6742, 64.9455**, and the grayscale version is **64.1809, 67.5233, 73.5329**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **38.8943, 33.0261, 57.1480** is the 20% darker color. If you saturate the color by 10%, you get **65.1821, 52.7653, 100.5161**, and if you desaturate by 10%, it is **81.2072, 77.9480, 104.5323**.

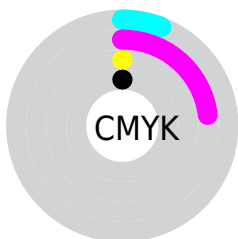
Distribution



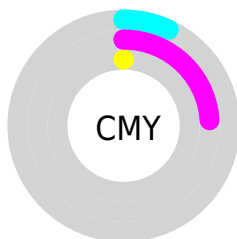
- Red (93%)
- Green (76%)
- Blue (100%)



- Red (93%)
- Yellow (76%)
- Blue (100%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6644, 64.3631, 102.3594 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 72.6644, 64.3631, 102.3594 by changing the saturation by 10% instead.

72.6644, 64.3631,
102.3594

72.6644, 64.3631,
102.3594

458.9727,
440.4997, 589.0421

53.9890, 46.9448,
77.6446

122.0064,
111.1337, 166.4759

38.8235, 32.9920,
57.2674

153.4036,
141.2548, 206.7146

26.8026, 22.1203,
40.8091

189.7722,
176.3790, 252.9650

17.5608, 13.9454,
27.8514

231.4775,
216.8906, 305.6458

10.7329, 8.0827,
17.9756

278.8849,
263.1741, 365.1753

5.9535, 4.1479,
10.7632

332.3596,

2.8572, 1.7566,

315.6139, 431.9722

5.7957

392.2671,
374.5943, 506.4549

■ 1.0787, 0.4599,
2.6545

■ 0.0072, 0.0000,
0.9204

■ 72.6644, 64.3631,
102.3594

■ 72.6644, 64.3631,
102.3594

■ 65.1821, 52.7653,
100.5161

■ 81.2072, 77.9480,
104.5323

■ 58.7043, 43.0478,
98.9819

■ 90.8509, 93.6032,
107.0457

■ 53.1788, 35.1065,
97.7403

94.8896, 99.9358,
108.0552

■ 48.5459, 28.8234,
96.7717

■ 44.7386, 24.0660,
96.0541

■ 41.6794, 20.6811,
95.5620

■ 39.2745, 18.4825,
95.2644

■ 37.9258, 17.4849,
95.1429

Harmonies

Analogous

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



65.7280, 64.3631, 118.2094



72.6644, 64.3631, 102.3594



76.6480, 64.3631, 79.4602

Triad

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



72.6644, 64.3631, 102.3594



64.3682, 64.3631, 36.5388



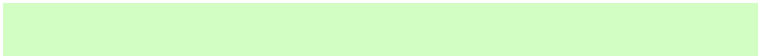
48.2367, 64.3631, 83.5947

Complementary

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



72.6644, 64.3631, 102.3594



72.1583, 88.6742, 64.9455

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.



47.9388, 64.3631, 61.4696



72.6644, 64.3631, 102.3594



56.8377, 64.3631, 37.1915

Square

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



72.6644, 64.3631, 102.3594



71.5979, 64.3631, 43.4009



50.9658, 64.3631, 45.4197



51.8165, 64.3631, 105.9229

Rectangle

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



72.6644, 64.3631, 102.3594



76.8919, 64.3631, 64.6431



50.9658, 64.3631, 45.4197



47.7609, 64.3631, 75.8146

Sweetspot

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



72.6664, 64.3658, 102.3608



87.8591, 88.2287, 107.0069



63.8703, 65.7061, 103.0831



18.6784, 18.6780, 22.8707



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.



72.6664, 64.3658, 102.3608



69.5792, 59.1058, 102.3491



76.2996, 66.4675, 92.1985



18.2840, 18.0381, 22.7680



20.1434, 9.2948, 50.1670



2.0659, 0.9589, 4.8895

Inverse Universe

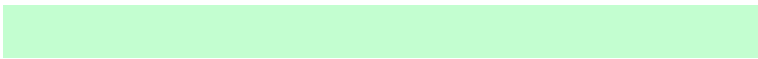
The Inverse Universe completely reimagines the original color for something new.



72.1481, 64.8069, 70.3372



69.0726, 59.6851, 64.3566



69.3082, 87.0308, 72.6833



18.2117, 18.0680, 19.7319



22.1656, 11.3555, 4.2565



2.2016, 1.1230, 0.6429

Previews

White Background



This preview shows how the XYZ color 72.6644, 64.3631, 102.3594 looks on a white background.

Color Contrast Check

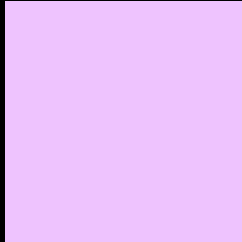
Large Text (above 18pt) WCAG AA × Fail

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 72.6644, 64.3631, 102.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

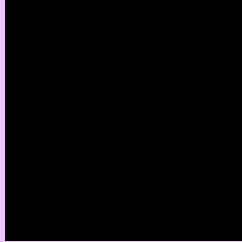
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6644, 64.3631, 102.3594

Background



This preview shows how black text looks on a background with the XYZ color 72.6644, 64.3631, 102.3594.



This preview shows how white text looks on a background with the XYZ color 72.6644, 64.3631,

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

72.6644, 64.3631, 102.3594

Protanopia

64.1591, 64.4739, 103.6709

Deuteranopia

65.9804, 64.3926, 101.0469



Tritanopia

66.9236, 64.4066, 74.5501

Trichromacy



Original Color

72.6644, 64.3631, 102.3594



Protanomaly

66.8465, 64.0780, 103.4528



Deuteranomaly

68.1315, 64.0808, 101.7064



Tritanomaly

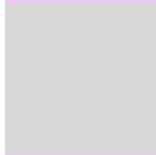
68.6380, 64.0524, 83.6087

Monochromacy



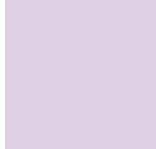
Original Color

72.6644, 64.3631, 102.3594



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.1302, 66.4569, 83.4181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6644, 64.3631, 102.3594 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(238, 195, 254)` looks like.

```
.text, #text, p{  
    color:rgb(238, 195, 254)  
}
```

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(238, 195, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 195, 254) }
```

Border

The CSS property to change the border of an element to XYZ 72.6644, 64.3631, 102.3594 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(238, 195, 254) }
```


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

```
.border{ border-color:rgb(238, 195, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 195, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 195, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 195, 254);  
box-shadow:4px 4px 4px 4px rgb(238, 195,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6644, 64.3631, 102.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 195, 254) }
```

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

```
.background{ background-color: rgb(238,  
195, 254) }
```

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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