

Converting Colors

XYZ(72.6809, 63.9555,
103.1217)

Have a look what the booklet for
XYZ(72.6809, 63.9555, 103.1217)
contains.

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Color

**XYZ(72.6017, 63.9807,
103.1307)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC2FF
RGB	238, 194, 255
RGB Percent	93%, 76%, 100%
CMY	0.0667, 0.2392, 0.0000
CMYK	0.07, 0.24, 0.00, 0.00
HSL	283°, 100%, 88%
HSV	283°, 24%, 100%
XYZ	72.6017, 63.9807, 103.1307
YIQ	214.1100, 6.6430, 28.2990

Conversions

Conversions Part 2

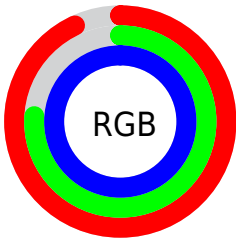
Format	Color
R _Y B	238, 194, 255
Decimal	15647487
CIE Lab	83.96, 26.22, -24.08
CIE LCh	84, 35.594, 317.436
Yxy	63.9807, 0.3029, 0.2669
Android (android.graphics.Color)	4293837567 (0xFFEEC2FF)
YUV	214.1100, 20.1588, 20.9515
Hunter-Lab	79.9879, 22.0381, -20.4527

Details

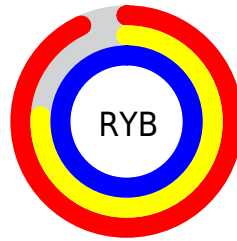
The XYZ color **72.6017, 63.9807, 103.1307** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.3630, 89.2646, 64.4578**, and the grayscale version is **63.8576, 67.1832, 73.1625**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **38.8625, 32.7785, 57.7047** is the 20% darker color. If you saturate the color by 10%, you get **65.0674, 52.3837, 101.2894**, and if you desaturate by 10%, it is **81.2075, 77.5790, 105.3019**.

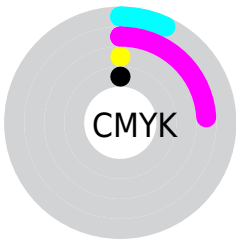
Distribution



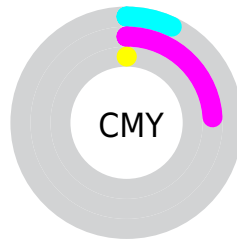
- Red (93%)
- Green (76%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6017, 63.9807, 103.1307 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 72.6017, 63.9807, 103.1307 by changing the saturation by 10% instead.

72.6017, 63.9807,
103.1307

72.6017, 63.9807,
103.1307

458.7584,
439.1199, 591.5162

53.9376, 46.6350,
78.2863

121.9178,
110.5831, 167.5421

38.7822, 32.7472,
57.7913

153.3004,
140.6087, 207.9462

26.7703, 21.9329,
41.2273

189.6533,
175.6297, 254.3740

17.5365, 13.8076,
28.1757

231.3418,
216.0305, 307.2439

10.7154, 7.9870,
18.2180

278.7311,
262.1956, 366.9746

5.9417, 4.0866,
10.9355

332.1868,

2.8500, 1.7221,

314.5092, 433.9845

5.9099

392.0741,
373.3559, 508.6922

■ 1.0749, 0.4379,
2.7225

■ 0.0040, 0.0000,
0.9547

■ 72.6017, 63.9807,
103.1307

■ 72.6017, 63.9807,
103.1307

■ 65.0674, 52.3837,
101.2894

■ 81.2075, 77.5790,
105.3019

■ 58.5485, 42.6801,
99.7600

■ 90.9266, 93.2635,
107.8170

■ 52.9915, 34.7638,
98.5249

95.0500, 100.0000,
108.9000

■ 48.3356, 28.5148,
97.5641

■ 44.5126, 23.7980,
96.8552

■ 41.4431, 20.4569,
96.3720

■ 39.0307, 18.3003,
96.0829

■ 37.8021, 17.4026,
95.9744

Harmonies

Analogous

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



65.4406, 63.9807, 119.4937



72.6017, 63.9807, 103.1307



76.7409, 63.9807, 79.4822

Triad

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



72.6017, 63.9807, 103.1307



64.1497, 63.9807, 35.4554



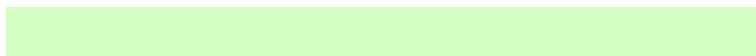
47.5359, 63.9807, 83.4148

Complementary

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



72.6017, 63.9807, 103.1307



72.3630, 89.2646, 64.4578

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.



47.2551, 63.9807, 60.6898



72.6017, 63.9807, 103.1307



56.4065, 63.9807, 36.0642

Square

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



72.6017, 63.9807, 103.1307



71.5870, 63.9807, 42.4632



50.3727, 63.9807, 44.3557



51.1759, 63.9807, 106.5374

Rectangle

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



72.6017, 63.9807, 103.1307



77.0147, 63.9807, 64.2259



50.3727, 63.9807, 44.3557



47.0574, 63.9807, 75.4009

Sweetspot

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



72.6035, 63.9834, 103.1311



87.8112, 88.2040, 107.0047



63.6651, 65.4213, 103.8798



18.6673, 18.6722, 22.8702



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.



72.6035, 63.9834, 103.1311



68.6445, 57.8469, 102.1554



76.5276, 66.2437, 92.5876



18.2702, 18.0310, 22.7673



19.9050, 9.1719, 50.1558



2.0443, 0.9478, 4.8885

Inverse Universe

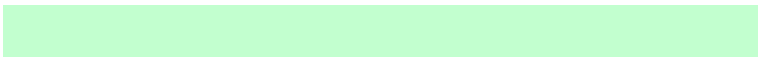
The Inverse Universe completely reimagines the original color for something new.



72.2912, 64.5492, 70.2791



68.3943, 58.5762, 63.3667



69.2989, 87.5058, 72.4109



18.2174, 18.0703, 19.7619



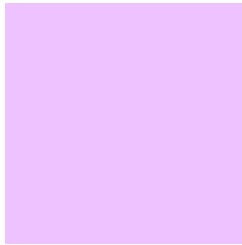
22.1982, 11.3686, 4.4285



2.2054, 1.1245, 0.6631

Previews

White Background



This preview shows how the XYZ color 72.6017, 63.9807, 103.1307 looks on a white background.

Color Contrast Check

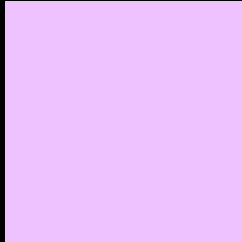
Large Text (above 18pt) WCAG AA × Fail

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 72.6017, 63.9807, 103.1307 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 72.6017, 63.9807, 103.1307

Background



This preview shows how black text looks on a background with the XYZ color 72.6017, 63.9807, 103.1307.

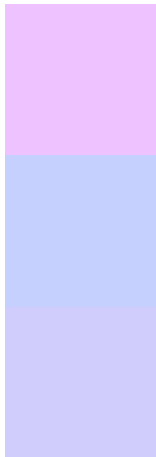


This preview shows how white text looks on a background with the XYZ color 72.6017, 63.9807,

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

72.6017, 63.9807, 103.1307

Protanopia

63.8946, 64.3375, 103.6585

Deuteranopia

65.5734, 64.1644, 101.8574



Tritanopia

66.6897, 63.9388, 74.4721

Trichromacy



Original Color

72.6017, 63.9807, 103.1307

Protanomaly

66.8465, 64.0780, 103.4528

Deuteranomaly

67.9895, 63.9891, 102.5336

Tritanomaly

68.5496, 63.6501, 84.2741

Monochromacy



Original Color

72.6017, 63.9807, 103.1307

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.8871, 65.9708, 83.3370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6017, 63.9807, 103.1307 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, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 194, 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(238, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.6017, 63.9807, 103.1307 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, 194, 255) }
```


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

```
.border{ border-color:rgb(238, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6017, 63.9807, 103.1307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 194, 255) }
```

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

```
.background{ background-color: rgb(238,  
194, 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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