

Converting Colors

XYZ(66.8594, 62.3599,
103.1205)

Have a look what the booklet for
XYZ(66.8594, 62.3599, 103.1205)
contains.

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Color

**XYZ(66.8594, 62.3599,
103.1205)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C6FF
RGB	217, 198, 255
RGB Percent	85%, 78%, 100%
CMY	0.1490, 0.2235, 0.0000
CMYK	0.15, 0.22, 0.00, 0.00
HSL	260°, 100%, 89%
HSV	260°, 22%, 100%
XYZ	66.8594, 62.3599, 103.1205
YIQ	210.1790, -6.9730, 21.7550

Conversions

Conversions Part 2

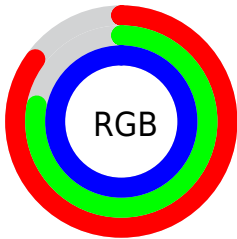
Format	Color
R _Y B	217, 198, 255
Decimal	14272255
CIE Lab	83.10, 17.50, -25.54
CIE LCh	83, 30.960, 304.425
Yxy	62.3599, 0.2878, 0.2684
Android (android.graphics.Color)	4292462335 (0xFFD9C6FF)
YUV	210.1790, 22.0968, 5.9820
Hunter-Lab	78.9683, 12.9346, -22.1459

Details

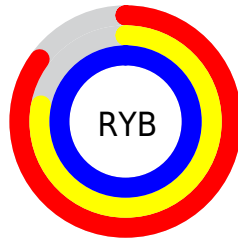
The XYZ color **66.8594, 62.3599, 103.1205** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.5463, 93.4307, 67.2176**, and the grayscale version is **61.2404, 64.4297, 70.1639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0666, 31.7051, 57.6976** is the 20% darker color. If you saturate the color by 10%, you get **56.7188, 49.1972, 101.1143**, and if you desaturate by 10%, it is **78.5053, 77.7583, 105.4789**.

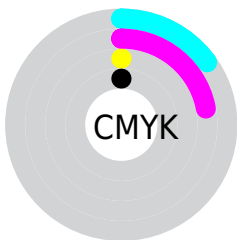
Distribution



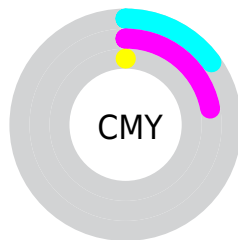
- Red (85%)
- Green (78%)
- Blue (100%)



- Red (85%)
- Yellow (78%)
- Blue (100%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8594, 62.3599, 103.1205 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 66.8594, 62.3599, 103.1205 by changing the saturation by 10% instead.

66.8594, 62.3599,
103.1205

66.8594, 62.3599,
103.1205

438.8845,
433.2427, 591.4835

49.2407, 45.3236,
78.2778

113.7698,
108.2455, 167.5280

35.0257, 31.7124,
57.7844

143.7922,
137.8636, 207.9300

23.8493, 21.1419,
41.2218

178.6799,
172.4444, 254.3554

15.3460, 13.2278,
28.1714

218.7981,
212.3723, 307.2228

9.1505, 7.5856,
18.2148

264.5124,
258.0316, 366.9508

4.8974, 3.8309,
10.9332

316.1880,

2.2213, 1.5794,

309.8069, 433.9579

5.9084

374.1902,
368.0825, 508.6626

■ 0.7539, 0.3437,
2.7215

■ 0.0000, 0.0000,
0.9542

■ 66.8594, 62.3599,
103.1205

■ 66.8594, 62.3599,
103.1205

■ 56.7188, 49.1972,
101.1143

■ 78.5053, 77.7583,
105.4789

■ 48.0134, 38.1564,
99.4421

■ 91.7119, 95.4840,
108.2043

■ 40.6752, 29.1249,
98.0856

95.0500, 100.0000,
108.9000

■ 34.6280, 21.9763,
97.0245

■ 29.7878, 16.5694,
96.2360

■ 26.0590, 12.7421,
95.6937

■ 23.3286, 10.2997,
95.3662

■ 21.7961, 9.1512,
95.2253

Harmonies

Analogous

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



60.2712, 62.3599, 111.7455



66.8594, 62.3599, 103.1205



71.6724, 62.3599, 85.1109

Triad

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



66.8594, 62.3599, 103.1205



65.0104, 62.3599, 39.7520



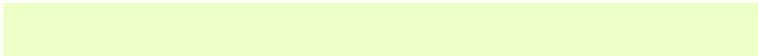
47.3284, 62.3599, 70.7871

Complementary

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



66.8594, 62.3599, 103.1205



80.5463, 93.4307, 67.2176

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.



48.3900, 62.3599, 53.1802



66.8594, 62.3599, 103.1205



58.2824, 62.3599, 37.3484

Square

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



66.8594, 62.3599, 103.1205



70.5497, 62.3599, 49.0983



52.2801, 62.3599, 41.7785



49.2638, 62.3599, 90.9750

Rectangle

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



66.8594, 62.3599, 103.1205



73.0450, 62.3599, 71.5482



52.2801, 62.3599, 41.7785



47.3478, 62.3599, 64.3767

Sweetspot

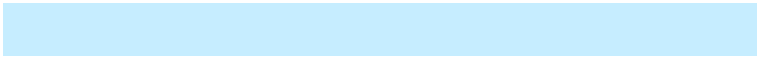
The Sweet Spot groups the original color and five complimentary colors.



66.8612, 62.3624, 103.1209



85.3743, 86.9477, 106.8906



71.6101, 79.7667, 106.2300



18.1029, 18.3813, 22.8438



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.



66.8612, 62.3624, 103.1209



61.9632, 55.9709, 102.1454



75.7448, 66.9421, 103.5367



17.5734, 17.6718, 22.7347



11.5295, 4.8542, 49.7639



1.2329, 0.5295, 4.8505

Inverse Universe

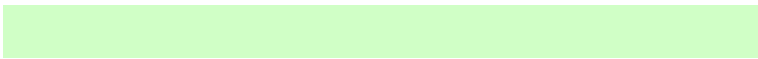
The Inverse Universe completely reimagines the original color for something new.



76.5758, 67.7065, 88.3911



73.4032, 62.2701, 84.5322



72.0938, 89.0732, 66.8220



18.5202, 18.1914, 21.3563



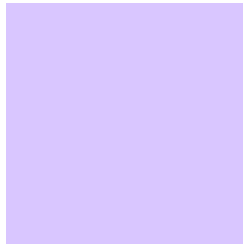
25.4123, 12.6542, 21.3537



2.5251, 1.2524, 2.3464

Previews

White Background



This preview shows how the XYZ color 66.8594, 62.3599, 103.1205 looks on a white background.

Color Contrast Check

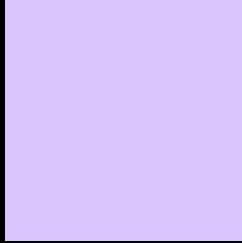
Large Text (above 18pt) WCAG AA × Fail

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 66.8594, 62.3599, 103.1205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

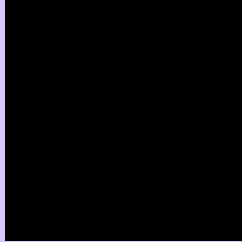
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.8594, 62.3599, 103.1205

Background



This preview shows how black text looks on a background with the XYZ color 66.8594, 62.3599, 103.1205.

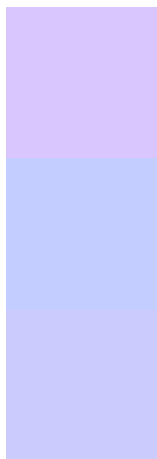


This preview shows how white text looks on a background with the XYZ color 66.8594, 62.3599,

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

66.8594, 62.3599, 103.1205

Protanopia

62.3870, 62.4847, 103.3804

Deuteranopia

63.8739, 62.5641, 102.4755



Tritanopia

61.3751, 62.2019, 76.4815

Trichromacy



Original Color

66.8594, 62.3599, 103.1205

Protanomaly

63.7991, 62.1576, 103.2428

Deuteranomaly

64.7885, 62.3389, 102.3838

Tritanomaly

63.2691, 62.2704, 85.7755

Monochromacy



Original Color

66.8594, 62.3599, 103.1205

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.2393, 63.7797, 80.9292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8594, 62.3599, 103.1205 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(217, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 198, 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(217, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.8594, 62.3599, 103.1205 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(217, 198, 255) }
```


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

```
.border{ border-color:rgb(217, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8594, 62.3599, 103.1205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 198, 255) }
```

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

```
.background{ background-color: rgb(217,  
198, 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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