

Converting Colors

XYZ(69.5873, 64.9897,
100.9727)

Have a look what the booklet for
XYZ(69.5873, 64.9897, 100.9727)
contains.

| | |
|--|----|
| XYZ(69.5087, 64.8091, 100.9414) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(69.5087, 64.8091,
100.9414)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E1C9FC |
| RGB | 225, 201, 252 |
| RGB Percent | 88%, 79%, 99% |
| CMY | 0.1176, 0.2117, 0.0118 |
| CMYK | 0.11, 0.20, 0.00, 0.01 |
| HSL | 268°, 89%, 89% |
| HSV | 268°, 20%, 99% |
| XYZ | 69.5087, 64.8091, 100.9414 |
| YIQ | 213.9900, -2.0670, 20.9490 |

Conversions

Conversions Part 2

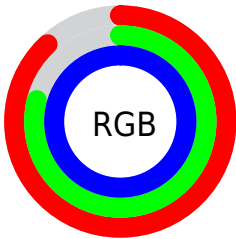
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 201, 252 |
| Decimal | 14797308 |
| CIE Lab | 84.39, 17.78, -21.94 |
| CIE LCh | 84, 28.237, 309.025 |
| Yxy | 64.8091, 0.2955, 0.2755 |
| Android (android.graphics.Color) | 4292987388 (0xFFE1C9FC) |
| YUV | 213.9900, 18.7389, 9.6558 |
| Hunter-Lab | 80.5041, 13.2380, -17.9889 |

Details

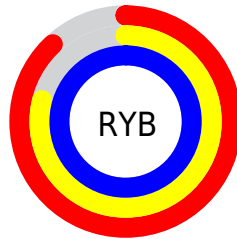
The XYZ color **69.5087, 64.8091, 100.9414** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.3501, 90.3335, 68.6206**, and the grayscale version is **63.7905, 67.1125, 73.0855**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6462, 33.2426, 56.1148** is the 20% darker color. If you saturate the color by 10%, you get **60.1116, 51.9492, 98.9555**, and if you desaturate by 10%, it is **80.1985, 79.7694, 103.2666**.

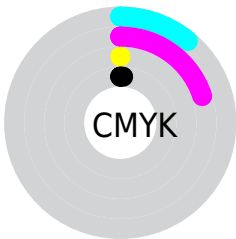
Distribution



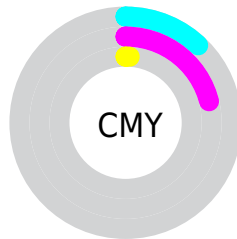
- Red (88%)
- Green (79%)
- Blue (99%)



- Red (88%)
- Yellow (79%)
- Blue (99%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (21%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5087, 64.8091, 100.9414 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 69.5087, 64.8091, 100.9414 by changing the saturation by 10% instead.

69.5087, 64.8091,
100.9414

69.5087, 64.8091,
100.9414

448.1164,
442.1056, 584.4791

51.4043, 47.3063,
76.4657

117.5380,
111.7754, 164.5134

36.7528, 33.2779,
56.3055

148.1935,
142.0076, 204.4468

25.1889, 22.3394,
40.0423

183.7634,
177.2518, 250.3699

16.3474, 14.1065,
27.2575

224.6131,
217.8923, 302.7012

9.8627, 8.1948,
17.5326

271.1079,
264.3136, 361.8592

5.3696, 4.2198,
10.4490

323.6131,

2.5027, 1.7973,

316.8999, 428.2625

5.5882

382.4942,
376.0358, 502.3296

■ 0.8966, 0.4855,
2.5316

■ 0.0000, 0.0000,
0.8568

■ 69.5087, 64.8091,
100.9414

■ 69.5087, 64.8091,
100.9414

■ 60.1116, 51.9492,
98.9555

■ 80.1985, 79.7694,
103.2666

■ 51.9468, 41.0837,
97.2886

■ 92.2259, 96.9129,
105.9417

■ 44.9579, 32.1097,
95.9248

■ 94.5709, 99.8084,
106.3770

■ 39.0811, 24.9114,
94.8451

■ 34.2457, 19.3600,
94.0284

■ 30.3718, 15.3083,
93.4505

■ 27.3651, 12.5810,
93.0826

■ 25.1217, 10.9210,
92.8804

Harmonies

Analogous

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



63.5102, 64.8091, 110.4668



69.5087, 64.8091, 100.9414



73.5595, 64.8091, 83.6651

Triad

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



69.5087, 64.8091, 100.9414



66.0175, 64.8091, 42.9805



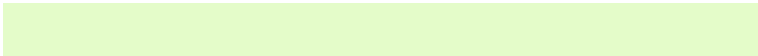
50.4401, 64.8091, 76.1236

Complementary

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



69.5087, 64.8091, 100.9414



77.3501, 90.3335, 68.6206

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.



51.0110, 64.8091, 58.9110



69.5087, 64.8091, 100.9414



59.7267, 64.8091, 41.6571

Square

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



69.5087, 64.8091, 100.9414



71.4507, 64.8091, 50.9768



54.3135, 64.8091, 46.9920



52.6974, 64.8091, 94.6232

Rectangle

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



69.5087, 64.8091, 100.9414



74.4606, 64.8091, 71.1555



54.3135, 64.8091, 46.9920



50.3111, 64.8091, 69.9800

Sweetspot

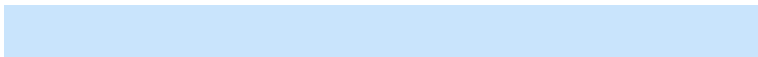
The Sweet Spot groups the original color and five complimentary colors.



69.5107, 64.8118, 100.9428



87.4443, 89.1196, 107.2007



69.4588, 75.0451, 102.9208



18.5460, 18.8325, 22.9075



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.



69.5107, 64.8118, 100.9428



67.6053, 61.3390, 102.8842



77.9911, 69.1836, 101.3397



17.0597, 17.0434, 21.7759



13.2531, 5.7749, 48.3897



1.3487, 0.5974, 4.4874

Inverse Universe

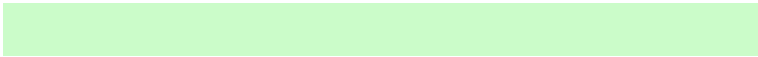
The Inverse Universe completely reimagines the original color for something new.



75.0372, 68.0729, 82.5860



74.2424, 65.2566, 80.7790



69.9022, 86.4940, 68.2721



17.6286, 17.3788, 19.9002



23.2075, 11.6987, 13.0669



2.2030, 1.1049, 1.4924

Previews

White Background



This preview shows how the XYZ color 69.5087, 64.8091, 100.9414 looks on a white background.

Color Contrast Check

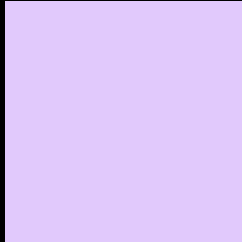
Large Text (above 18pt) WCAG AA × Fail

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 69.5087, 64.8091, 100.9414 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 69.5087, 64.8091, 100.9414

Background



This preview shows how black text looks on a background with the XYZ color 69.5087, 64.8091, 100.9414.

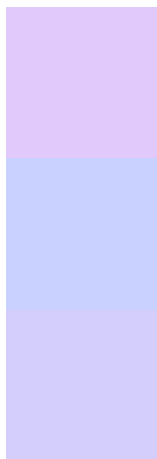


This preview shows how white text looks on a background with the XYZ color 69.5087, 64.8091,

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

69.5087, 64.8091, 100.9414

Protanopia

64.6699, 65.1003, 103.7649

Deuteranopia

66.3479, 64.9565, 100.3077



Tritanopia

64.7713, 64.6322, 78.1687

Trichromacy



Original Color

69.5087, 64.8091, 100.9414

Protanomaly

66.2552, 64.8537, 102.7919

Deuteranomaly

67.3244, 64.7497, 100.2164

Tritanomaly

66.4250, 64.5985, 86.0586

Monochromacy



Original Color

69.5087, 64.8091, 100.9414

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.7175, 66.1078, 82.6952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5087, 64.8091, 100.9414 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(225, 201, 252)` looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 252)  
}
```

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(225, 201, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 252) }
```

Border

The CSS property to change the border of an element to XYZ 69.5087, 64.8091, 100.9414 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(225, 201, 252) }
```


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

```
.border{ border-color:rgb(225, 201, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 201, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 201, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 201, 252);  
box-shadow:4px 4px 4px 4px rgb(225, 201,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5087, 64.8091, 100.9414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 252) }
```

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

```
.background{ background-color: rgb(225,  
201, 252) }
```

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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