

Converting Colors

XYZ(68.1786, 69.5553, 88.3109)

Have a look what the booklet for
XYZ(68.1786, 69.5553, 88.3109)
contains.

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Color

**XYZ(68.2093, 69.5045,
88.4179)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DAD7EB |
| RGB | 218, 215, 235 |
| RGB Percent | 85%, 84%, 92% |
| CMY | 0.1451, 0.1568, 0.0784 |
| CMYK | 0.07, 0.09, 0.00, 0.08 |
| HSL | 249°, 33%, 88% |
| HSV | 249°, 9%, 92% |
| XYZ | 68.2093, 69.5045, 88.4179 |
| YIQ | 218.1770, -4.6320, 6.8560 |

Conversions

Conversions Part 2

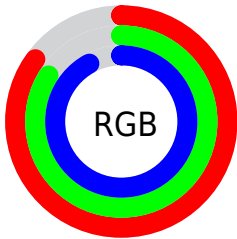
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 218, 215, 235 |
| Decimal | 14342123 |
| CIE Lab | 86.75, 4.75, -9.43 |
| CIE LCh | 87, 10.558, 296.724 |
| Yxy | 69.5045, 0.3016, 0.3074 |
| Android (android.graphics.Color) | 4292532203 (0xFFDAD7EB) |
| YUV | 218.1770, 8.2937, -0.1552 |
| Hunter-Lab | 83.3694, 0.1448, -4.5218 |

Details

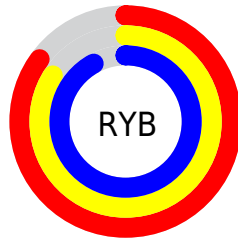
The XYZ color **68.2093, 69.5045, 88.4179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2553, 81.4806, 76.0544**, and the grayscale version is **66.7113, 70.1854, 76.4320**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8117, 36.1828, 47.7443** is the 20% darker color. If you saturate the color by 10%, you get **57.0317, 55.4895, 86.3029**, and if you desaturate by 10%, it is **80.9707, 85.6156, 90.8561**.

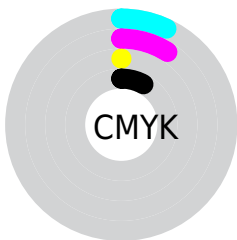
Distribution



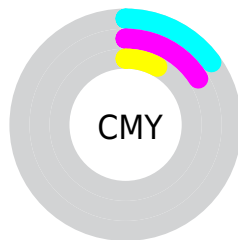
- Red (85%)
- Green (84%)
- Blue (92%)



- Red (85%)
- Yellow (84%)
- Blue (92%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (15%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2093, 69.5045, 88.4179 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 68.2093, 69.5045, 88.4179 by changing the saturation by 10% instead.

■ 68.2093, 69.5045,
88.4179

■ 68.2093, 69.5045,
88.4179

443.6023,
458.8083, 543.3075

■ 50.3423, 51.1227,
66.1029

115.6918,
118.5019, 147.0551

■ 35.9044, 36.3063,
47.8989

146.0380,
149.8862, 184.2143

■ 24.5301, 24.6708,
33.3874

181.2747,
186.3735, 227.1588

■ 15.8542, 15.8320,
22.1499

221.7671,
228.3482, 276.3069

■ 9.5112, 9.4053,
13.7677

267.8808,
276.1946, 332.0774

■ 5.1359, 5.0065,
7.8224

319.9810,

■ 2.3628, 2.2511,

330.2971, 394.8886

3.8954

378.4330,
391.0403, 465.1591

■ 0.8265, 0.7476,
1.5681

■ 0.0000, 0.0000,
0.2679

■ 68.2093, 69.5045,
88.4179

■ 68.2093, 69.5045,
88.4179

■ 57.0317, 55.4895,
86.3029

■ 80.9707, 85.6156,
90.8561

■ 47.3697, 43.4756,
84.4933

■ 91.9956, 98.7782,
92.8157

■ 39.1593, 33.3739,
82.9762

■ 32.3295, 25.0850,
81.7362

■ 26.8033, 18.5005,
80.7565

■ 22.4960, 13.5004,
80.0185

■ 19.3124, 9.9490,
79.5008

■ 17.1428, 7.6871,
79.1785

■ 15.8403, 6.4901,
79.0161

Harmonies

Analogous

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



65.7924, 69.5045, 90.0060



68.2093, 69.5045, 88.4179



70.0909, 69.5045, 83.3474

Triad

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



68.2093, 69.5045, 88.4179



68.6880, 69.5045, 64.9212



61.4568, 69.5045, 74.9081

Complementary

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



68.2093, 69.5045, 88.4179



75.2553, 81.4806, 76.0544

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.



62.1905, 69.5045, 68.4952



68.2093, 69.5045, 88.4179



66.3322, 69.5045, 62.9585

Square

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



68.2093, 69.5045, 88.4179



70.3720, 69.5045, 69.7558



63.9601, 69.5045, 64.2258



61.9315, 69.5045, 81.9275

Rectangle

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



68.2093, 69.5045, 88.4179



70.7675, 69.5045, 78.8282



63.9601, 69.5045, 64.2258



61.5698, 69.5045, 72.6140

Sweetspot

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



68.2113, 69.5074, 88.4194



90.3056, 94.0031, 107.9925



71.9725, 78.3482, 89.9276



19.0641, 19.7860, 23.0642



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.



68.2113, 69.5074, 88.4194



79.9172, 80.9135, 106.0135



71.1874, 71.0417, 88.5587



14.4413, 14.6572, 18.9902



8.8012, 3.5731, 43.9688



0.7558, 0.3139, 3.4556

Inverse Universe

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



73.1293, 72.0923, 86.4082



86.8386, 84.5520, 103.1576



72.2027, 79.9069, 75.9115



15.6121, 15.2727, 18.5088



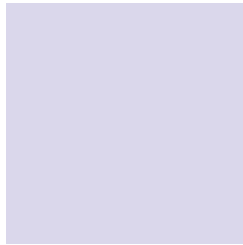
24.8936, 12.1601, 31.5705



1.9811, 0.9654, 2.6178

Previews

White Background



This preview shows how the XYZ color 68.2093, 69.5045, 88.4179 looks on a white background.

Color Contrast Check

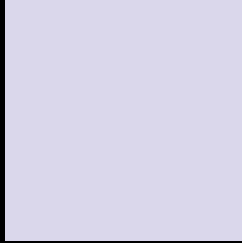
Large Text (above 18pt) WCAG AA × Fail

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 68.2093, 69.5045, 88.4179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

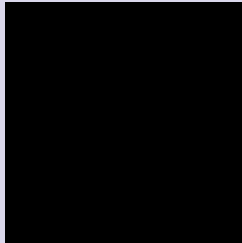
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.2093, 69.5045, 88.4179

Background



This preview shows how black text looks on a background with the XYZ color 68.2093, 69.5045, 88.4179.

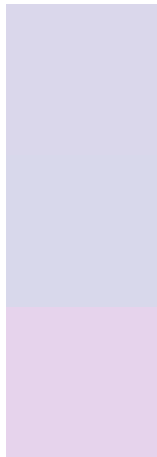


This preview shows how white text looks on a background with the XYZ color 68.2093, 69.5045,

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

68.2093, 69.5045, 88.4179

Protanopia

67.8702, 69.7088, 88.4753

Deuteranopia

71.0677, 69.4677, 89.0198



Tritanopia

67.7794, 69.3325, 86.1541

Trichromacy



Original Color

68.2093, 69.5045, 88.4179

Protanomaly

68.1665, 69.8616, 88.4891

Deuteranomaly

70.0478, 69.3118, 89.0435

Tritanomaly

67.9219, 69.3895, 86.9044

Monochromacy



Original Color

68.2093, 69.5045, 88.4179

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.1808, 69.9130, 80.4747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2093, 69.5045, 88.4179 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(218, 215, 235) looks like.

```
.text, #text, p{  
    color:rgb(218, 215, 235)  
}
```

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(218, 215, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 215, 235) }
```

Border

The CSS property to change the border of an element to XYZ 68.2093, 69.5045, 88.4179 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(218, 215, 235) }
```


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

```
.border{ border-color:rgb(218, 215, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 215, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 215, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 215, 235);  
box-shadow:4px 4px 4px 4px rgb(218, 215,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2093, 69.5045, 88.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 215, 235) }
```

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

```
.background{ background-color: rgb(218,  
215, 235) }
```

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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