

Converting Colors

XYZ(69.3432, 69.8309, 95.6215)

Have a look what the booklet for
XYZ(69.3432, 69.8309, 95.6215)
contains.

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Color

**XYZ(69.2448, 69.8842,
95.4274)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D7F4
RGB	217, 215, 244
RGB Percent	85%, 84%, 96%
CMY	0.1490, 0.1568, 0.0431
CMYK	0.11, 0.12, 0.00, 0.04
HSL	244°, 57%, 90%
HSV	244°, 12%, 96%
XYZ	69.2448, 69.8842, 95.4274
YIQ	218.9040, -8.1170, 9.4430

Conversions

Conversions Part 2

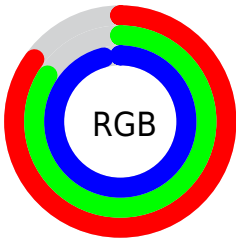
Format	Color
R _Y B	217, 215, 244
Decimal	14276596
CIE Lab	86.94, 6.20, -13.91
CIE LCh	87, 15.231, 294.006
Yxy	69.8842, 0.2952, 0.2979
Android (android.graphics.Color)	4292466676 (0xFFD9D7F4)
YUV	218.9040, 12.3723, -1.6698
Hunter-Lab	83.5968, 1.5606, -9.1630

Details

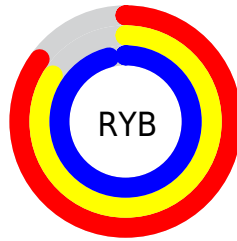
The XYZ color **69.2448, 69.8842, 95.4274** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.2369, 88.4868, 77.0913**, and the grayscale version is **67.1881, 70.6871, 76.9783**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5482, 36.4538, 52.6869** is the 20% darker color. If you saturate the color by 10%, you get **57.1947, 55.1279, 93.2154**, and if you desaturate by 10%, it is **83.1553, 86.9788, 97.9949**.

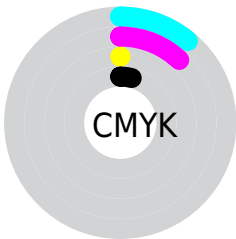
Distribution



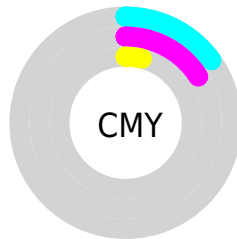
- Red (85%)
- Green (84%)
- Blue (96%)



- Red (85%)
- Yellow (84%)
- Blue (96%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2448, 69.8842, 95.4274 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 69.2448, 69.8842, 95.4274 by changing the saturation by 10% instead.

69.2448, 69.8842,
95.4274

69.2448, 69.8842,
95.4274

447.2018,
460.1433, 566.5516

51.1885, 51.4321,
71.8919

117.1633,
119.0436, 156.8556

36.5803, 36.5526,
52.5841

147.7562,
150.5197, 195.5854

25.0549, 24.8613,
37.0854

183.2586,
187.1060, 240.2170

16.2469, 15.9738,
24.9773

224.0360,
229.1868, 291.1690

9.7910, 9.5056,
15.8413

270.4537,
277.1465, 348.8599

5.3218, 5.0724,
9.2588

322.8769,

2.4740, 2.2898,

331.3696, 413.7083

4.8112

381.6712,
392.2404, 486.1327

■ 0.8821, 0.7683,
2.0801

■ 0.0000, 0.0000,
0.6039

■ 69.2448, 69.8842,
95.4274

■ 69.2448, 69.8842,
95.4274

■ 57.1947, 55.1279,
93.2154

■ 83.1553, 86.9788,
97.9949

■ 46.9202, 42.5999,
91.3387

■ 93.3294, 99.3117,
99.8392

■ 38.3391, 32.1944,
89.7825

■ 31.3603, 23.7938,
88.5289

■ 25.8840, 17.2687,
87.5580

■ 21.7995, 12.4748,
86.8480

■ 18.9805, 9.2468,
86.3735

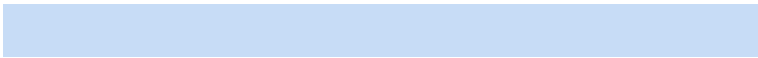
■ 17.2775, 7.3868,
86.1043

■ 16.5570, 6.6491,
85.9998

Harmonies

Analogous

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



65.7111, 69.8842, 97.2854



69.2448, 69.8842, 95.4274



72.1124, 69.8842, 88.1956

Triad

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



69.2448, 69.8842, 95.4274



70.5245, 69.8842, 61.3169



59.8495, 69.8842, 74.0647

Complementary

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



69.2448, 69.8842, 95.4274



81.2369, 88.4868, 77.0913

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.



61.0407, 69.8842, 65.1498



69.2448, 69.8842, 95.4274



67.1397, 69.8842, 58.2244

Square

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



69.2448, 69.8842, 95.4274



72.8695, 69.8842, 68.3970



63.6786, 69.8842, 59.5625



60.3680, 69.8842, 84.3436

Rectangle

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



69.2448, 69.8842, 95.4274



73.2178, 69.8842, 81.6184



63.6786, 69.8842, 59.5625



60.0618, 69.8842, 70.8209

Sweetspot

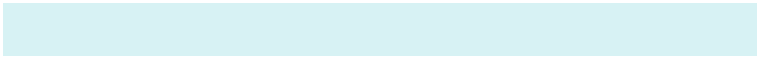
The Sweet Spot groups the original color and five complimentary colors.



69.2469, 69.8871, 95.4289



88.4737, 91.9068, 107.6845



76.1276, 84.5245, 97.8916



18.6805, 19.3563, 23.0015



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.



69.2469, 69.8871, 95.4289



73.5102, 73.5312, 104.9263



73.7270, 72.1967, 95.6386



15.6868, 15.9812, 20.8005



9.0422, 3.6358, 46.7632



0.8309, 0.3382, 4.1117

Inverse Universe

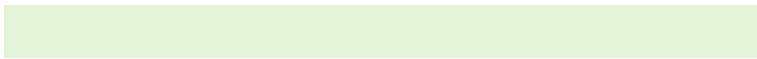
The Inverse Universe completely reimagines the original color for something new.



77.6381, 74.2478, 94.2471



84.3065, 79.1424, 103.3784



76.4762, 86.0325, 76.8685



17.1615, 16.7474, 20.5968



27.8609, 13.4878, 40.8374



2.4632, 1.1913, 3.6658

Previews

White Background



This preview shows how the XYZ color 69.2448, 69.8842, 95.4274 looks on a white background.

Color Contrast Check

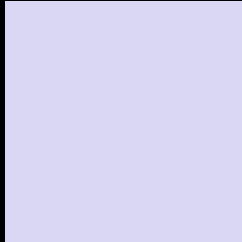
Large Text (above 18pt) WCAG AA × Fail

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 69.2448, 69.8842, 95.4274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

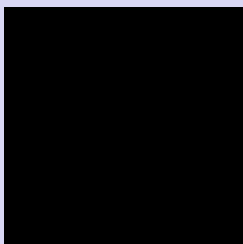
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2448, 69.8842, 95.4274

Background



This preview shows how black text looks on a background with the XYZ color 69.2448, 69.8842, 95.4274.



This preview shows how white text looks on a background with the XYZ color 69.2448, 69.8842,

95.4274.

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

69.2448, 69.8842, 95.4274

Protanopia

68.4779, 69.8504, 96.2595

Deuteranopia

71.3889, 69.8483, 96.1057



Tritanopia

67.6885, 70.0133, 87.7883

Trichromacy



Original Color

69.2448, 69.8842, 95.4274

Protanomaly

68.7689, 70.0004, 96.2731

Deuteranomaly

70.7071, 69.8690, 96.1456

Tritanomaly

68.3074, 69.8837, 90.7776

Monochromacy



Original Color

69.2448, 69.8842, 95.4274

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.9884, 70.6497, 83.4522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2448, 69.8842, 95.4274 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, 215, 244) looks like.

```
.text, #text, p{  
    color:rgb(217, 215, 244)  
}
```

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, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 215, 244) }
```

Border

The CSS property to change the border of an element to XYZ 69.2448, 69.8842, 95.4274 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, 215, 244) }
```


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

```
.border{ border-color:rgb(217, 215, 244) }
```

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

Here you see how a box with a 4 pixel rgb(217, 215, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(217, 215,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2448, 69.8842, 95.4274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 215, 244) }
```

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

```
.background{ background-color: rgb(217,  
215, 244) }
```

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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