

Converting Colors

XYZ(68.5772, 69.5199, 93.0363)

Have a look what the booklet for
XYZ(68.5772, 69.5199, 93.0363)
contains.

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Color

**XYZ(68.4965, 69.5507,
93.0336)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D8D7F1 |
| RGB | 216, 215, 241 |
| RGB Percent | 85%, 84%, 95% |
| CMY | 0.1529, 0.1568, 0.0549 |
| CMYK | 0.10, 0.11, 0.00, 0.05 |
| HSL | 242°, 48%, 89% |
| HSV | 242°, 11%, 95% |
| XYZ | 68.4965, 69.5507, 93.0336 |
| YIQ | 218.2630, -7.7500, 8.2980 |

Conversions

Conversions Part 2

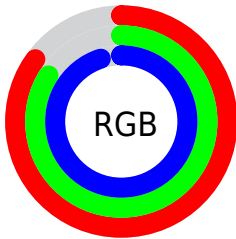
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 216, 215, 241 |
| Decimal | 14211057 |
| CIE Lab | 86.78, 5.28, -12.58 |
| CIE LCh | 87, 13.644, 292.753 |
| Yxy | 69.5507, 0.2964, 0.3010 |
| Android (android.graphics.Color) | 4292401137 (0xFFD8D7F1) |
| YUV | 218.2630, 11.2093, -1.9847 |
| Hunter-Lab | 83.3971, 0.6625, -7.7630 |

Details

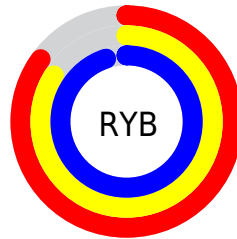
The XYZ color **68.4965, 69.5507, 93.0336** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.6589, 86.3441, 76.7610**, and the grayscale version is **66.7526, 70.2290, 76.4793**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0257, 36.2215, 50.9916** is the 20% darker color. If you saturate the color by 10%, you get **56.4354, 54.8857, 90.8397**, and if you desaturate by 10%, it is **82.4314, 86.5273, 95.5770**.

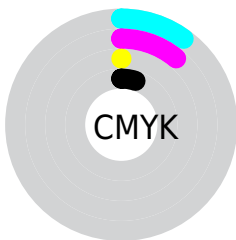
Distribution



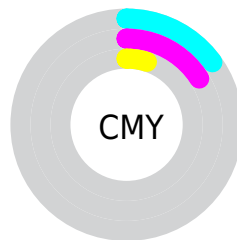
- Red (85%)
- Green (84%)
- Blue (95%)



- Red (85%)
- Yellow (84%)
- Blue (95%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4965, 69.5507, 93.0336 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 68.4965, 69.5507, 93.0336 by changing the saturation by 10% instead.

■ 68.4965, 69.5507,
93.0336

■ 68.4965, 69.5507,
93.0336

444.6023,
458.9709, 558.6731

■ 50.5769, 51.1603,
69.9116

116.1002,
118.5678, 153.5172

■ 36.0917, 36.3362,
50.9781

146.5149,
149.9633, 191.7160

■ 24.6755, 24.6940,
35.8146

181.8255,
186.4627, 235.7774

■ 15.9629, 15.8492,
24.0025

222.3972,
228.4503, 286.1199

■ 9.5886, 9.4175,
15.1232

268.5953,
276.3105, 343.1623

■ 5.1872, 5.0145,
8.7583

320.7854,

■ 2.3934, 2.2558,

330.4277, 407.3229

4.4892

379.3326,
391.1864, 479.0203

■ 0.8418, 0.7501,
1.8974

■ 0.0000, 0.0000,
0.4911

■ 68.4965, 69.5507,
93.0336

■ 68.4965, 69.5507,
93.0336

■ 56.4354, 54.8857,
90.8397

■ 82.4314, 86.5273,
95.5770

■ 46.1623, 42.4240,
88.9758

■ 92.8774, 99.1310,
97.4592

■ 37.5940, 32.0618,
87.4273

■ 30.6383, 23.6836,
86.1768

■ 25.1941, 17.1626,
85.2051

■ 21.1491, 12.3575,
84.4908

■ 18.3753, 9.1067,
84.0095

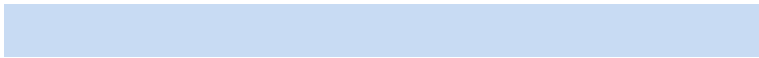
■ 16.7211, 7.2176,
83.7321

■ 15.9931, 6.4106,
83.6147

Harmonies

Analogous

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



65.3383, 69.5507, 94.4419



68.4965, 69.5507, 93.0336



71.0884, 69.5507, 86.8179

Triad

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



68.4965, 69.5507, 93.0336



69.8722, 69.5507, 62.6397



60.2297, 69.5507, 73.5435

Complementary

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



68.4965, 69.5507, 93.0336



79.6589, 86.3441, 76.7610

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.



61.3618, 69.5507, 65.6267



68.4965, 69.5507, 93.0336



66.8794, 69.5507, 59.6670

Square

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



68.4965, 69.5507, 93.0336



71.9002, 69.5507, 69.1627



63.7715, 69.5507, 60.7152



60.6315, 69.5507, 82.6981

Rectangle

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



68.4965, 69.5507, 93.0336



72.1127, 69.5507, 81.0349



63.7715, 69.5507, 60.7152



60.4422, 69.5507, 70.6597

Sweetspot

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



68.4986, 69.5536, 93.0351



90.0030, 93.8471, 107.9784



75.1030, 83.1984, 95.3208



18.9828, 19.7441, 23.0604



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.



68.4986, 69.5536, 93.0351



74.6002, 75.0901, 105.1697



72.4507, 71.5910, 93.2201



14.9533, 15.2576, 19.8785



8.6980, 3.4894, 45.3430



0.7432, 0.3004, 3.7730

Inverse Universe

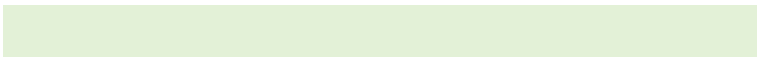
The Inverse Universe completely reimagines the original color for something new.



76.3067, 73.5960, 92.6253



85.1674, 80.5613, 104.5995



75.4438, 84.1711, 76.5637



16.4266, 16.0203, 19.8024



27.5635, 13.2978, 42.4793



2.3011, 1.1095, 3.5766

Previews

White Background



This preview shows how the XYZ color 68.4965, 69.5507, 93.0336 looks on a white background.

Color Contrast Check

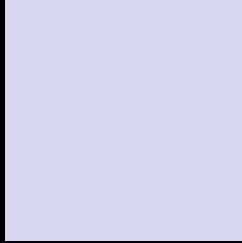
Large Text (above 18pt) WCAG AA × Fail

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 68.4965, 69.5507, 93.0336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

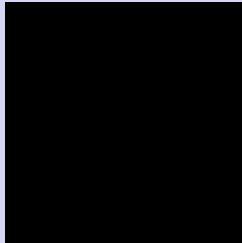
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4965, 69.5507, 93.0336

Background



This preview shows how black text looks on a background with the XYZ color 68.4965, 69.5507, 93.0336.

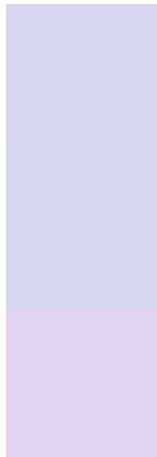


This preview shows how white text looks on a background with the XYZ color 68.4965, 69.5507,

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

68.4965, 69.5507, 93.0336

Protanopia

68.1646, 69.7587, 93.0912

Deuteranopia

70.9998, 69.3302, 93.6444



Tritanopia

67.2882, 69.4420, 86.9480

Trichromacy



Original Color

68.4965, 69.5507, 93.0336

Protanomaly

68.4574, 69.9097, 93.1049

Deuteranomaly

70.0019, 69.1857, 93.6691

Tritanomaly

67.7205, 69.6149, 89.2247

Monochromacy



Original Color

68.4965, 69.5507, 93.0336

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.1556, 69.8684, 81.8980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4965, 69.5507, 93.0336 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(216, 215, 241)` looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 241)  
}
```

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(216, 215, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 241) }
```

Border

The CSS property to change the border of an element to XYZ 68.4965, 69.5507, 93.0336 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(216, 215, 241) }
```


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

```
.border{ border-color:rgb(216, 215, 241) }
```

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

Here you see how a box with a 4 pixel rgb(216, 215, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 215, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 215, 241);  
box-shadow:4px 4px 4px 4px rgb(216, 215,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4965, 69.5507, 93.0336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 241) }
```

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

```
.background{ background-color: rgb(216,  
215, 241) }
```

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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