

Converting Colors

XYZ(69.5673, 68.8670, 97.6358)

Have a look what the booklet for
XYZ(69.5673, 68.8670, 97.6358)
contains.

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Color

**XYZ(69.5454, 68.8624,
97.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD4F7
RGB	219, 212, 247
RGB Percent	86%, 83%, 97%
CMY	0.1412, 0.1686, 0.0314
CMYK	0.11, 0.14, 0.00, 0.03
HSL	252°, 69%, 90%
HSV	252°, 14%, 97%
XYZ	69.5454, 68.8624, 97.6220
YIQ	218.0830, -7.0630, 12.3690

Conversions

Conversions Part 2

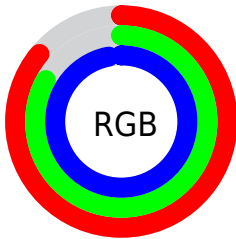
Format	Color
R_{YB}	219, 212, 247
Decimal	14406903
CIE Lab	86.44, 9.02, -16.24
CIE LCh	86, 18.576, 299.050
Yxy	68.8624, 0.2946, 0.2918
Android (android.graphics.Color)	4292596983 (0xFFD4D4F7)
YUV	218.0830, 14.2561, 0.8042
Hunter-Lab	82.9834, 4.3736, -11.6607

Details

The XYZ color **69.5454, 68.8624, 97.6220** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.0819, 89.8020, 75.3506**, and the grayscale version is **66.6078, 70.0766, 76.3134**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7708, 35.7680, 54.2561** is the 20% darker color. If you saturate the color by 10%, you get **58.2409, 54.5606, 95.4584**, and if you desaturate by 10%, it is **82.5044, 85.4228, 100.1365**.

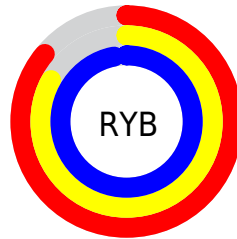
Distribution



Red (86%)

Green (83%)

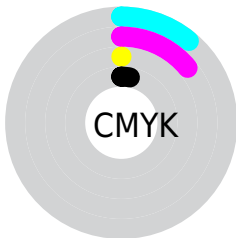
Blue (97%)



Red (86%)

Yellow (83%)

Blue (97%)

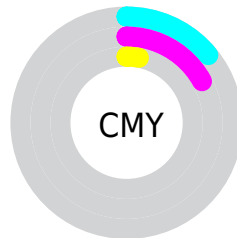


Cyan (11%)

Magenta (14%)

Yellow (0%)

Black (3%)



Cyan (14%)

Magenta (17%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5454, 68.8624, 97.6220 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 69.5454, 68.8624, 97.6220 by changing the saturation by 10% instead.

■ 69.5454, 68.8624,
97.6220

■ 69.5454, 68.8624,
97.6220

448.2436,
456.5455, 573.7228

■ 51.4343, 50.5997,
73.7103

117.5900,
117.5850, 159.9087

■ 36.7768, 35.8901,
54.0616

148.2543,
148.8137, 199.1207

■ 25.2076, 24.3493,
38.2574

183.8336,
185.1331, 244.2699

■ 16.3613, 15.5930,
25.8791

224.6933,
226.9277, 295.7749

■ 9.8727, 9.2366,
16.5083

271.1988,
274.5818, 354.0541

■ 5.3762, 4.8958,
9.7263

323.7154,

■ 2.5067, 2.1863,

328.4799, 419.5261

5.1146

382.6086,
389.0064, 492.6095

■ 0.8986, 0.7125,
2.2548

■ 0.0000, 0.0000,
0.7057

■ 69.5454, 68.8624,
97.6220

■ 69.5454, 68.8624,
97.6220

■ 58.2409, 54.5606,
95.4584

■ 82.5044, 85.4228,
100.1365

■ 48.5172, 42.4106,
93.6257

■ 93.7887, 99.4955,
102.2581

■ 40.3043, 32.3096,
92.1088

■ 33.5245, 24.1430,
90.8899

■ 28.0928, 17.7850,
89.9489

■ 23.9147, 13.0943,
89.2638

■ 20.8829, 9.9082,
88.8086

■ 18.8702, 8.0298,
88.5521

■ 18.0741, 7.3781,
88.4683

Harmonies

Analogous

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



65.3147, 68.8624, 101.2100



69.5454, 68.8624, 97.6220



72.7951, 68.8624, 87.8172

Triad

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



69.5454, 68.8624, 97.6220



69.7928, 68.8624, 56.4645



57.5344, 68.8624, 74.5877

Complementary

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



69.5454, 68.8624, 97.6220



81.0819, 89.8020, 75.3506

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.



58.6195, 68.8624, 63.4581



69.5454, 68.8624, 97.6220



65.5888, 68.8624, 53.7244

Square

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



69.5454, 68.8624, 97.6220



72.9423, 68.8624, 64.0682



61.5218, 68.8624, 56.1403



58.4922, 68.8624, 87.0641

Rectangle

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



69.5454, 68.8624, 97.6220



73.9018, 68.8624, 79.5641



61.5218, 68.8624, 56.1403



57.6715, 68.8624, 70.5744

Sweetspot

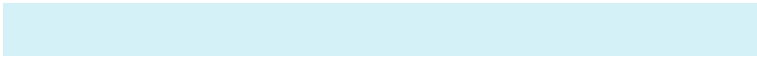
The Sweet Spot groups the original color and five complimentary colors.



69.5475, 68.8653, 97.6235



88.9431, 92.1488, 107.7064



75.2741, 83.3786, 100.1231



18.7988, 19.4173, 23.0071



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.



69.5475, 68.8653, 97.6235



71.1175, 69.3974, 104.2545



74.8986, 71.6239, 97.8740



15.8905, 16.0862, 20.8100



9.6498, 3.9490, 46.7917



0.9282, 0.3884, 4.1163

Inverse Universe

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



77.6317, 73.1553, 92.4699



81.3817, 74.8464, 97.6140



75.6037, 86.9778, 75.0942



17.0633, 16.7082, 20.0799



25.7054, 12.6256, 29.4867



2.2945, 1.1238, 2.7772

Previews

White Background



This preview shows how the XYZ color 69.5454, 68.8624, 97.6220 looks on a white background.

Color Contrast Check

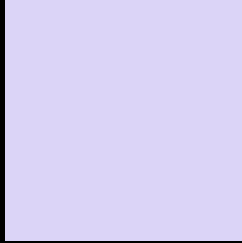
Large Text (above 18pt) WCAG AA × Fail

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 69.5454, 68.8624, 97.6220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

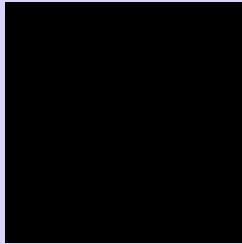
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5454, 68.8624, 97.6220

Background



This preview shows how black text looks on a background with the XYZ color 69.5454, 68.8624, 97.6220.



This preview shows how white text looks on a background with the XYZ color 69.5454, 68.8624,

97.6220.

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

69.5454, 68.8624, 97.6220

Protanopia

67.9777, 69.1421, 99.3855

Deuteranopia

70.5142, 68.9919, 97.5960



Tritanopia

67.1848, 69.0260, 86.1263

Trichromacy



Original Color

69.5454, 68.8624, 97.6220

Protanomaly

68.4304, 69.0166, 98.5218

Deuteranomaly

70.2070, 68.8335, 97.5816

Tritanomaly

67.9479, 68.9593, 89.8500

Monochromacy



Original Color

69.5454, 68.8624, 97.6220

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.6122, 69.6743, 84.0137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5454, 68.8624, 97.6220 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(219, 212, 247)` looks like.

```
.text, #text, p{  
    color:rgb(219, 212, 247)  
}
```

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(219, 212, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 212, 247) }
```

Border

The CSS property to change the border of an element to XYZ 69.5454, 68.8624, 97.6220 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(219, 212, 247) }
```


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

```
.border{ border-color:rgb(219, 212, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 212, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(219, 212,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5454, 68.8624, 97.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 212, 247) }
```

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

```
.background{ background-color: rgb(219,  
212, 247) }
```

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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