

Converting Colors

XYZ(68.3926, 69.5269, 97.4070)

Have a look what the booklet for
XYZ(68.3926, 69.5269, 97.4070)
contains.

XYZ(68.5295, 69.4624, 97.7914)	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(68.5295, 69.4624,
97.7914)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D7F7
RGB	213, 215, 247
RGB Percent	84%, 84%, 97%
CMY	0.1647, 0.1568, 0.0314
CMYK	0.14, 0.13, 0.00, 0.03
HSL	236°, 68%, 90%
HSV	236°, 14%, 97%
XYZ	68.5295, 69.4624, 97.7914
YIQ	218.0500, -11.4640, 9.5280

Conversions

Conversions Part 2

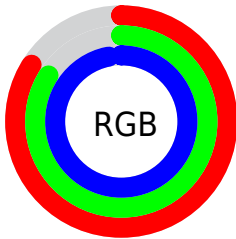
Format	Color
RYB	213, 215, 247
Decimal	14014455
CIELab	86.73, 5.54, -15.84
CIELCh	87, 16.779, 289.267
Yxy	69.4624, 0.2906, 0.2946
Android (android.graphics.Color)	4292204535 (0xFFD5D7F7)
YUV	218.0500, 14.2723, -4.4289
Hunter-Lab	83.3441, 0.9190, -11.2268

Details

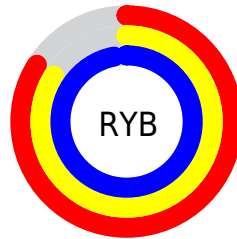
The XYZ color **68.5295, 69.4624, 97.7914** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.0208, 89.8827, 75.9257**, and the grayscale version is **66.5871, 70.0548, 76.2897**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0753, 36.1723, 54.3708** is the 20% darker color. If you saturate the color by 10%, you get **56.3991, 55.0390, 95.6479**, and if you desaturate by 10%, it is **82.5962, 86.1360, 100.2694**.

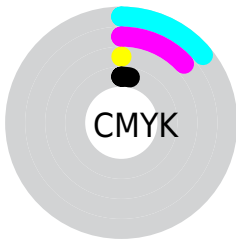
Distribution



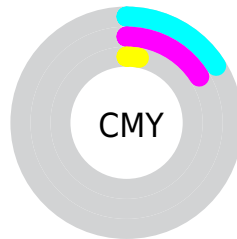
- Red (84%)
- Green (84%)
- Blue (97%)



- Red (84%)
- Yellow (84%)
- Blue (97%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5295, 69.4624, 97.7914 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 68.5295, 69.4624, 97.7914 by changing the saturation by 10% instead.

■ 68.5295, 69.4624,
97.7914

■ 68.5295, 69.4624,
97.7914

444.7172,
458.6601, 574.2743

■ 50.6039, 51.0884,
73.8508

116.1471,
118.4418, 160.1440

■ 36.1132, 36.2789,
54.1759

146.5697,
149.8159, 199.3931

■ 24.6922, 24.6497,
38.3481

181.8887,
186.2922, 244.5821

■ 15.9754, 15.8163,
25.9491

222.4695,
228.2551, 296.1295

■ 9.5975, 9.3942,
16.5601

268.6774,
276.0890, 354.4539

■ 5.1931, 4.9992,
9.7627

320.8777,

■ 2.3969, 2.2468,

330.1781, 419.9738

5.1384

379.4359,
390.9071, 493.1078

■ 0.8436, 0.7453,
2.2685

■ 0.0000, 0.0000,
0.7135

■ 68.5295, 69.4624,
97.7914

■ 68.5295, 69.4624,
97.7914

■ 56.3991, 55.0390,
95.6479

■ 82.5962, 86.1360,
100.2694

■ 46.1143, 42.7612,
93.8201

■ 93.7887, 99.4955,
102.2582

■ 37.5863, 32.5291,
92.2945

■ 30.7169, 24.2313,
91.0550

■ 25.3977, 17.7460,
90.0835

■ 21.5080, 12.9373,
89.3604

■ 18.9086, 9.6504,
88.8629

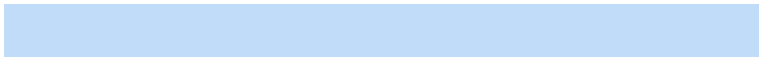
■ 17.4327, 7.7013,
88.5645

■ 16.9532, 7.0445,
88.4630

Harmonies

Analogous

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



64.6341, 69.4624, 98.7772



68.5295, 69.4624, 97.7914



71.8738, 69.4624, 90.5431

Triad

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



68.5295, 69.4624, 97.7914



71.0413, 69.4624, 60.4866



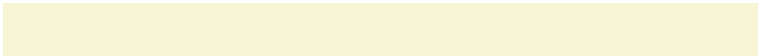
58.9192, 69.4624, 71.7001

Complementary

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



68.5295, 69.4624, 97.7914



83.0208, 89.8827, 75.9257

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.



60.4966, 69.4624, 62.4563



68.5295, 69.4624, 97.7914



67.4295, 69.4624, 56.4193

Square

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



68.5295, 69.4624, 97.7914



73.3631, 69.4624, 68.7597



63.5763, 69.4624, 57.1029



59.1876, 69.4624, 82.9492

Rectangle

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



68.5295, 69.4624, 97.7914



73.2927, 69.4624, 83.4999



63.5763, 69.4624, 57.1029



59.2487, 69.4624, 68.2759

Sweetspot

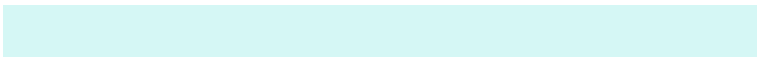
The Sweet Spot groups the original color and five complimentary colors.



68.5316, 69.4653, 97.7929



88.4102, 92.1441, 107.7336



77.1434, 87.2452, 98.9482



18.6645, 19.4161, 23.0139



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.



68.5316, 69.4653, 97.7929



69.1986, 69.3612, 104.3486



72.4945, 70.7558, 97.8332



15.6595, 16.0833, 20.8216



8.9982, 3.7901, 46.7953



0.8179, 0.3871, 4.1219

Inverse Universe

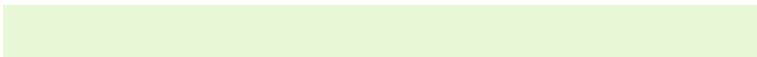
The Inverse Universe completely reimagines the original color for something new.



74.4194, 72.2706, 74.3205



76.8597, 73.0376, 73.8013



78.6376, 88.5273, 75.8951



16.5387, 16.4983, 17.3174



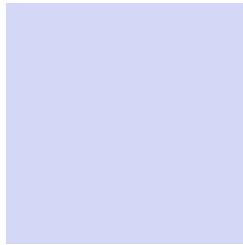
20.3464, 10.4820, 1.2664



1.8019, 0.9267, 0.1831

Previews

White Background



This preview shows how the XYZ color 68.5295, 69.4624, 97.7914 looks on a white background.

Color Contrast Check

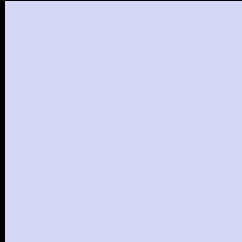
Large Text (above 18pt) WCAG AA × Fail

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 68.5295, 69.4624, 97.7914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

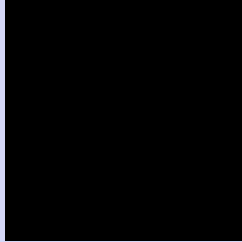
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.5295, 69.4624, 97.7914

Background



This preview shows how black text looks on a background with the XYZ color 68.5295, 69.4624, 97.7914.

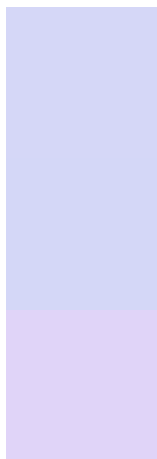


This preview shows how white text looks on a background with the XYZ color 68.5295, 69.4624,

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

68.5295, 69.4624, 97.7914

Protanopia

68.2403, 69.3133, 97.7778

Deuteranopia

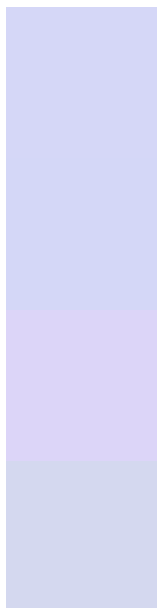
71.2272, 69.7116, 98.5085



Tritanopia

66.5281, 69.4151, 87.7340

Trichromacy



Original Color

68.5295, 69.4624, 97.7914

Protanomaly

68.2403, 69.3133, 97.7778

Deuteranomaly

70.2527, 69.5815, 98.5348

Tritanomaly

67.2872, 69.3408, 91.4990

Monochromacy



Original Color

68.5295, 69.4624, 97.7914

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.2746, 69.8818, 84.0715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5295, 69.4624, 97.7914 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(213, 215, 247)` looks like.

```
.text, #text, p{  
    color:rgb(213, 215, 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(213, 215, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 215, 247) }
```

Border

The CSS property to change the border of an element to XYZ 68.5295, 69.4624, 97.7914 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(213, 215, 247) }
```


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

```
.border{ border-color:rgb(213, 215, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 215, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 215, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 215, 247);  
box-shadow:4px 4px 4px 4px rgb(213, 215,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5295, 69.4624, 97.7914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 215, 247) }
```

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

```
.background{ background-color: rgb(213,  
215, 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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