

Converting Colors

XYZ(67.5946, 65.7382, 93.9118)

Have a look what the booklet for
XYZ(67.5946, 65.7382, 93.9118)
contains.

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Color

**XYZ(67.4624, 65.6737,
93.9147)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCEF3
RGB	219, 206, 243
RGB Percent	86%, 81%, 95%
CMY	0.1412, 0.1921, 0.0471
CMYK	0.10, 0.15, 0.00, 0.05
HSL	261°, 61%, 88%
HSV	261°, 15%, 95%
XYZ	67.4624, 65.6737, 93.9147
YIQ	214.1050, -4.1290, 14.2630

Conversions

Conversions Part 2

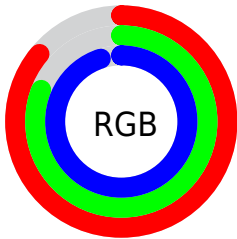
Format	Color
R _Y B	219, 206, 243
Decimal	14405363
CIE Lab	84.83, 11.40, -16.54
CIE LCh	85, 20.084, 304.581
Yxy	65.6737, 0.2971, 0.2892
Android (android.graphics.Color)	4292595443 (0xFFDBCEF3)
YUV	214.1050, 14.2452, 4.2929
Hunter-Lab	81.0393, 6.7762, -11.9824

Details

The XYZ color **67.4624, 65.6737, 93.9147** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.8265, 85.3821, 70.8795**, and the grayscale version is **63.8980, 67.2256, 73.2087**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5077, 33.9368, 51.6927** is the 20% darker color. If you saturate the color by 10%, you get **57.5391, 52.5363, 91.9030**, and if you desaturate by 10%, it is **78.7431, 80.8569, 96.2518**.

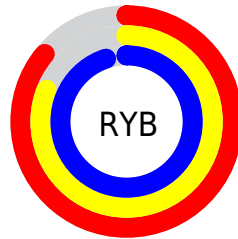
Distribution



Red (86%)

Green (81%)

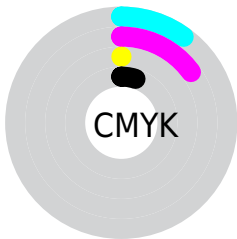
Blue (95%)



Red (86%)

Yellow (81%)

Blue (95%)

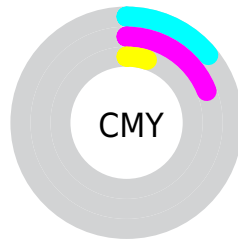


Cyan (10%)

Magenta (15%)

Yellow (0%)

Black (5%)



Cyan (14%)

Magenta (19%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4624, 65.6737, 93.9147 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 67.4624, 65.6737, 93.9147 by changing the saturation by 10% instead.

67.4624, 65.6737,
93.9147

67.4624, 65.6737,
93.9147

440.9956,
445.2090, 561.5800

49.7326, 48.0076,
70.6401

114.6289,
113.0179, 154.7470

35.4179, 33.8329,
51.5685

144.7962,
143.4647, 193.1418

24.1530, 22.7652,
36.2814

179.8402,
178.9406, 237.4138

15.5725, 14.4203,
24.3602

220.1260,
219.8298, 287.9815

9.3111, 8.4135,
15.3864

266.0191,
266.5169, 345.2634

5.0034, 4.3607,
8.9414

317.8848,

2.2840, 1.8773,

319.3862, 409.6781

4.6067

376.0885,
378.8221, 481.6441

■ 0.7865, 0.5347,
1.9637

■ 0.0000, 0.0000,
0.5328

■ 67.4624, 65.6737,
93.9147

■ 67.4624, 65.6737,
93.9147

■ 57.5391, 52.5363,
91.9030

■ 78.7431, 80.8569,
96.2518

■ 48.9135, 41.3471,
90.1978

■ 91.4260, 98.1612,
98.9234

■ 41.5300, 32.0130,
88.7853

■ 93.1779, 99.2511,
99.0415

■ 35.3262, 24.4296,
87.6486

■ 30.2341, 18.4820,
86.7689

■ 26.1779, 14.0410,
86.1255

■ 23.0708, 10.9568,
85.6940

■ 20.8084, 9.0464,
85.4445

■ 19.9578, 8.4198,
85.3684

Harmonies

Analogous

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



63.1146, 65.6737, 99.1659



67.4624, 65.6737, 93.9147



70.5676, 65.6737, 82.6816

Triad

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



67.4624, 65.6737, 93.9147



66.2095, 65.6737, 51.3777



54.1861, 65.6737, 73.5052

Complementary

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



67.4624, 65.6737, 93.9147



75.8265, 85.3821, 70.8795

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.



54.9266, 65.6737, 61.3884



67.4624, 65.6737, 93.9147



61.7323, 65.6737, 49.5389

Square

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



67.4624, 65.6737, 93.9147



69.8202, 65.6737, 58.3433



57.6370, 65.6737, 52.9820



55.5637, 65.6737, 86.5164

Rectangle

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



67.4624, 65.6737, 93.9147



71.4383, 65.6737, 73.8736



57.6370, 65.6737, 52.9820



54.1961, 65.6737, 69.1924

Sweetspot

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



67.4644, 65.6765, 93.9162



88.1389, 90.5982, 107.4495



69.9442, 76.2165, 95.8199



18.6643, 19.1192, 22.9566



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.



67.4644, 65.6765, 93.9162



71.9966, 68.9138, 104.1148



73.3264, 68.6985, 94.1905



16.1303, 16.2098, 20.8212



11.0852, 4.6890, 46.8588



1.0813, 0.4673, 4.1234

Inverse Universe

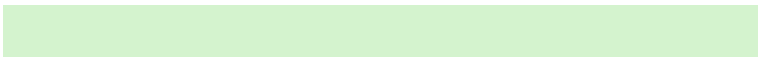
The Inverse Universe completely reimagines the original color for something new.



73.3185, 68.9132, 84.3031



79.6265, 73.1346, 91.4839



70.2152, 82.4893, 70.6169



16.9520, 16.6636, 19.4936



23.7222, 11.8323, 19.0434



2.1335, 1.0594, 1.9296

Previews

White Background



This preview shows how the XYZ color 67.4624, 65.6737, 93.9147 looks on a white background.

Color Contrast Check

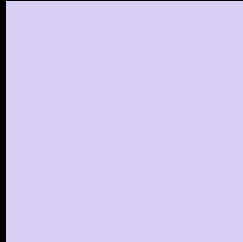
Large Text (above 18pt) WCAG AA × Fail

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 67.4624, 65.6737, 93.9147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

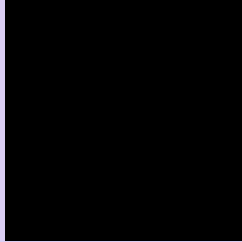
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4624, 65.6737, 93.9147

Background



This preview shows how black text looks on a background with the XYZ color 67.4624, 65.6737, 93.9147.



This preview shows how white text looks on a background with the XYZ color 67.4624, 65.6737,

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

67.4624, 65.6737, 93.9147

Protanopia

64.8580, 65.7261, 96.4568

Deuteranopia

67.1624, 65.5191, 93.9006



Tritanopia

64.7100, 65.6361, 80.4926

Trichromacy



Original Color

67.4624, 65.6737, 93.9147

Protanomaly

65.8602, 65.8951, 95.6340

Deuteranomaly

67.1624, 65.5191, 93.9006

Tritanomaly

65.7366, 65.6897, 85.5586

Monochromacy



Original Color

67.4624, 65.6737, 93.9147

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.2038, 66.6237, 80.6572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4624, 65.6737, 93.9147 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, 206, 243)` looks like.

```
.text, #text, p{  
    color:rgb(219, 206, 243)  
}
```

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, 206, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 206, 243) }
```

Border

The CSS property to change the border of an element to XYZ 67.4624, 65.6737, 93.9147 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, 206, 243) }
```


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

```
.border{ border-color:rgb(219, 206, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 206, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 206, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 206, 243);  
box-shadow:4px 4px 4px 4px rgb(219, 206,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4624, 65.6737, 93.9147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 206, 243) }
```

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

```
.background{ background-color: rgb(219,  
206, 243) }
```

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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