

Converting Colors

XYZ(72.4092, 72.3255, 94.1200)

Have a look what the booklet for
XYZ(72.4092, 72.3255, 94.1200)
contains.

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Color

**XYZ(72.5184, 72.3674,
94.1506)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D9F2
RGB	227, 217, 242
RGB Percent	89%, 85%, 95%
CMY	0.1098, 0.1490, 0.0510
CMYK	0.06, 0.10, 0.00, 0.05
HSL	264°, 49%, 90%
HSV	264°, 10%, 95%
XYZ	72.5184, 72.3674, 94.1506
YIQ	222.8400, -2.0650, 9.8950

Conversions

Conversions Part 2

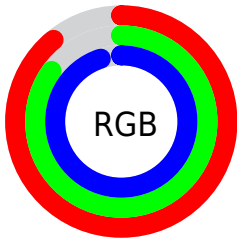
Format	Color
R_{YB}	227, 217, 242
Decimal	14932466
CIE Lab	88.15, 7.98, -10.98
CIE LCh	88, 13.574, 306.023
Yxy	72.3674, 0.3034, 0.3027
Android (android.graphics.Color)	4293122546 (0xFFE3D9F2)
YUV	222.8400, 9.4459, 3.6483
Hunter-Lab	85.0690, 3.2943, -6.0712

Details

The XYZ color **72.5184, 72.3674, 94.1506** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.5579, 85.6718, 78.0978**, and the grayscale version is **69.9636, 73.6072, 80.1582**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7965, 38.1565, 51.7745** is the 20% darker color. If you saturate the color by 10%, you get **62.3440, 58.5332, 92.0177**, and if you desaturate by 10%, it is **83.9980, 88.2362, 96.6097**.

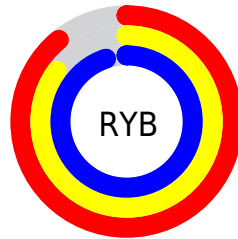
Distribution



Red (89%)

Green (85%)

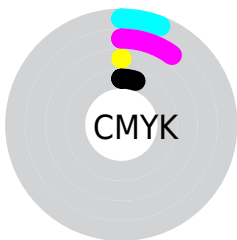
Blue (95%)



Red (89%)

Yellow (85%)

Blue (95%)

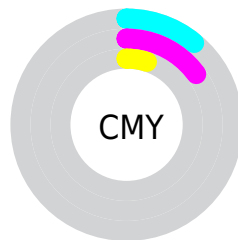


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5184, 72.3674, 94.1506 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 72.5184, 72.3674, 94.1506 by changing the saturation by 10% instead.

72.5184, 72.3674,
94.1506

72.5184, 72.3674,
94.1506

458.4736,
468.8194, 562.3569

53.8692, 53.4589,
70.8352

121.8001,
122.5787, 155.0761

38.7274, 38.1692,
51.7267

153.1633,
154.6503, 193.5233

26.7275, 26.1140,
36.4066

189.4953,
191.8784, 237.8515

17.5042, 16.9090,
24.4562

231.1614,
234.6473, 288.4793

10.6921, 10.1696,
15.4570

278.5269,
283.3414, 345.8251

5.9260, 5.5116,
8.9906

331.9572,

2.8404, 2.5504,

338.3452, 410.3077

4.6383

391.8177,
400.0431, 482.3454

■ 1.0699, 0.9018,
1.9817

■ 0.0000, 0.0000,
0.5440

■ 72.5184, 72.3674,
94.1506

■ 72.5184, 72.3674,
94.1506

■ 62.3440, 58.5332,
92.0177

■ 83.9980, 88.2362,
96.6097

■ 53.4194, 46.6401,
90.1925

■ 93.0272, 99.1909,
98.2482

■ 45.6942, 36.6011,
88.6619

■ 39.1121, 28.3186,
87.4101

■ 33.6117, 21.6860,
86.4198

■ 29.1253, 16.5845,
85.6716

■ 25.5764, 12.8788,
85.1434

■ 22.8754, 10.4081,
84.8088

■ 20.9338, 8.9403,
84.6279

Harmonies

Analogous

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



69.4399, 72.3674, 97.9370



72.5184, 72.3674, 94.1506



74.6434, 72.3674, 86.2830

Triad

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



72.5184, 72.3674, 94.1506



71.3500, 72.3674, 63.5694



62.7624, 72.3674, 80.6859

Complementary

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



72.5184, 72.3674, 94.1506



77.5579, 85.6718, 78.0978

Split Complementary

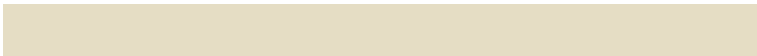
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.2378, 72.3674, 71.7547



72.5184, 72.3674, 94.1506



68.1304, 72.3674, 62.3267

Square

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



72.5184, 72.3674, 94.1506



73.9541, 72.3674, 68.7464



65.1782, 72.3674, 65.2084



63.8589, 72.3674, 89.7798

Rectangle

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



72.5184, 72.3674, 94.1506



75.1975, 72.3674, 80.0416



65.1782, 72.3674, 65.2084



62.7442, 72.3674, 77.5630

Sweetspot

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



72.5205, 72.3705, 94.1522



90.9891, 94.3555, 108.0245



73.6189, 79.1131, 95.3958



19.2481, 19.8808, 23.0728



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.



72.5205, 72.3705, 94.1522



79.6175, 78.6888, 105.5999



76.4668, 74.4049, 94.3369



15.4955, 15.5372, 19.9039



11.3899, 4.8771, 45.4689



1.0568, 0.4621, 3.7877

Inverse Universe

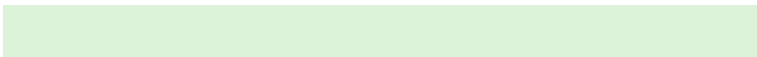
The Inverse Universe completely reimagines the original color for something new.



75.9988, 74.3324, 86.6896



84.1451, 81.2433, 95.8526



73.7691, 83.7185, 77.9205



16.1711, 15.9181, 18.4570



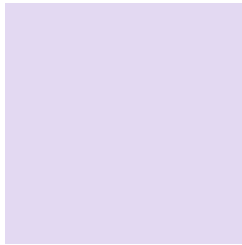
22.4954, 11.2706, 15.7914



1.9204, 0.9572, 1.5717

Previews

White Background



This preview shows how the XYZ color 72.5184, 72.3674, 94.1506 looks on a white background.

Color Contrast Check

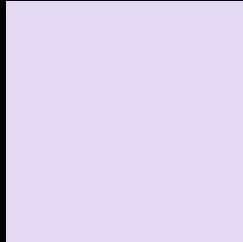
Large Text (above 18pt) WCAG AA × Fail

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 72.5184, 72.3674, 94.1506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

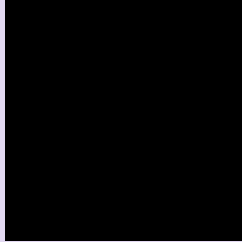
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

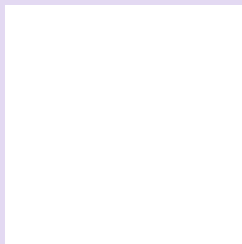
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5184, 72.3674, 94.1506

Background



This preview shows how black text looks on a background with the XYZ color 72.5184, 72.3674, 94.1506.

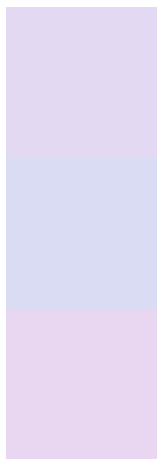


This preview shows how white text looks on a background with the XYZ color 72.5184, 72.3674,

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

72.5184, 72.3674, 94.1506

Protanopia

70.8358, 72.6235, 95.8722

Deuteranopia

73.9317, 72.3353, 94.0699



Tritanopia

71.4308, 72.3097, 88.7896

Trichromacy



Original Color

72.5184, 72.3674, 94.1506

Protanomaly

71.3280, 72.5063, 95.0297

Deuteranomaly

73.5379, 72.5115, 94.1246

Tritanomaly

71.8681, 72.4846, 91.0920

Monochromacy



Original Color

72.5184, 72.3674, 94.1506

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.8798, 73.2734, 85.2703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5184, 72.3674, 94.1506 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(227, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(227, 217, 242)  
}
```

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(227, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 217, 242) }
```

Border

The CSS property to change the border of an element to XYZ 72.5184, 72.3674, 94.1506 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(227, 217, 242) }
```


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

```
.border{ border-color:rgb(227, 217, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 217, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(227, 217,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5184, 72.3674, 94.1506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 217, 242) }
```

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

```
.background{ background-color: rgb(227,  
217, 242) }
```

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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