

Converting Colors

XYZ(71.0964, 71.7813, 93.8237)

Have a look what the booklet for
XYZ(71.0964, 71.7813, 93.8237)
contains.

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Color

**XYZ(70.9641, 71.5661,
94.0778)**

Conversions

Conversions Part 1

Format	Color
Hex	DED9F2
RGB	222, 217, 242
RGB Percent	87%, 85%, 95%
CMY	0.1294, 0.1490, 0.0510
CMYK	0.08, 0.10, 0.00, 0.05
HSL	252°, 49%, 90%
HSV	252°, 10%, 95%
XYZ	70.9641, 71.5661, 94.0778
YIQ	221.3450, -5.0450, 8.8350

Conversions

Conversions Part 2

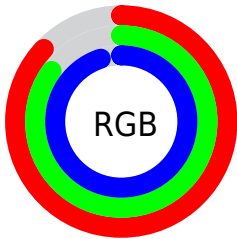
Format	Color
R _Y B	222, 217, 242
Decimal	14604786
CIE Lab	87.76, 6.36, -11.59
CIE LCh	88, 13.224, 298.740
Yxy	71.5661, 0.2999, 0.3025
Android (android.graphics.Color)	4292794866 (0xFFDED9F2)
YUV	221.3450, 10.1829, 0.5744
Hunter-Lab	84.5967, 1.6907, -6.7171

Details

The XYZ color **70.9641, 71.5661, 94.0778** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.2041, 86.5204, 78.1747**, and the grayscale version is **68.9046, 72.4930, 78.9449**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7196, 37.6013, 51.7241** is the 20% darker color. If you saturate the color by 10%, you get **59.5847, 57.1106, 91.8885**, and if you desaturate by 10%, it is **83.9434, 88.2080, 96.6070**.

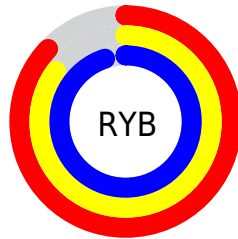
Distribution



Red (87%)

Green (85%)

Blue (95%)



Red (87%)

Yellow (85%)

Blue (95%)

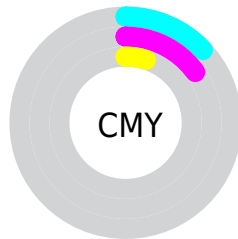


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9641, 71.5661, 94.0778 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 70.9641, 71.5661, 94.0778 by changing the saturation by 10% instead.

70.9641, 71.5661,
94.0778

70.9641, 71.5661,
94.0778

453.1417,
466.0299, 562.1172

52.5953, 52.8043,
70.7750

119.6014,
121.4394, 154.9745

37.7060, 37.6466,
51.6779

150.6006,
153.3198, 193.4056

25.9308, 25.7085,
36.3679

186.5407,
190.3417, 237.7164

16.9043, 16.6057,
24.4266

227.7871,
232.8897, 288.3257

10.2611, 9.9538,
15.4352

274.7050,
281.3482, 345.6518

5.6360, 5.3683,
8.9754

327.6598,

2.6636, 2.4649,

336.1014, 410.1134

4.6285

387.0169,
397.5339, 482.1290

■ 0.9785, 0.8590,
1.9761

■ 0.0000, 0.0000,
0.5405

■ 70.9641, 71.5661,
94.0778

■ 70.9641, 71.5661,
94.0778

■ 59.5847, 57.1106,
91.8885

■ 83.9434, 88.2080,
96.6070

■ 49.7363, 44.7413,
90.0200

■ 93.0272, 99.1909,
98.2482

■ 41.3543, 34.3637,
88.4587

■ 34.3668, 25.8723,
87.1880

■ 28.6959, 19.1518,
86.1897

■ 24.2555, 14.0740,
85.4436

■ 20.9489, 10.4932,
84.9267

■ 18.6636, 8.2368,
84.6117

■ 17.2641, 7.0485,
84.4561

Harmonies

Analogous

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



67.8889, 71.5661, 96.5073



70.9641, 71.5661, 94.0778



73.3106, 71.5661, 87.2386

Triad

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



70.9641, 71.5661, 94.0778



71.2007, 71.5661, 64.0657



62.1658, 71.5661, 77.5440

Complementary

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



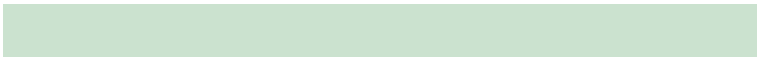
70.9641, 71.5661, 94.0778



79.2041, 86.5204, 78.1747

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.



62.9930, 71.5661, 69.2959



70.9641, 71.5661, 94.0778



68.1542, 71.5661, 61.8927

Square

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



70.9641, 71.5661, 94.0778



73.4502, 71.5661, 69.9062



65.1613, 71.5661, 63.7328



62.8670, 71.5661, 86.5310

Rectangle

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



70.9641, 71.5661, 94.0778



74.1122, 71.5661, 81.3463



65.1613, 71.5661, 63.7328



62.2738, 71.5661, 74.5977

Sweetspot

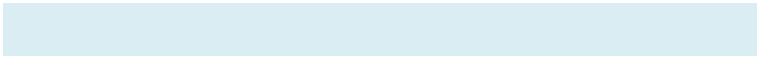
The Sweet Spot groups the original color and five complimentary colors.



70.9662, 71.5691, 94.0794



90.4418, 94.0734, 107.9989



75.0495, 81.9745, 95.8726



19.1007, 19.8048, 23.0660



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.



70.9662, 71.5691, 94.0794



77.6127, 77.6553, 105.5061



74.8013, 73.5462, 94.2589



15.1923, 15.3809, 19.8897



9.3622, 3.8318, 45.3740



0.8571, 0.3591, 3.7784

Inverse Universe

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



76.7193, 74.6205, 90.4837



85.0839, 81.6188, 100.7962



75.3041, 84.5099, 77.9922



16.3109, 15.9741, 19.1936



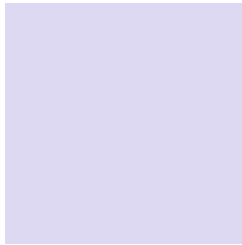
24.9298, 12.2443, 28.6104



2.1079, 1.0322, 2.5592

Previews

White Background



This preview shows how the XYZ color 70.9641, 71.5661, 94.0778 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 70.9641, 71.5661, 94.0778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

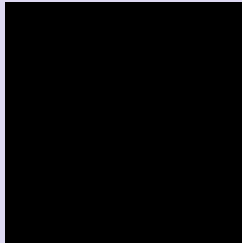
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9641, 71.5661, 94.0778

Background



This preview shows how black text looks on a background with the XYZ color 70.9641, 71.5661, 94.0778.



This preview shows how white text looks on a background with the XYZ color 70.9641, 71.5661,

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

70.9641, 71.5661, 94.0778

Protanopia

69.8643, 71.3656, 94.8867

Deuteranopia

73.1792, 71.5531, 94.7482



Tritanopia

69.8856, 71.5131, 88.7173

Trichromacy



Original Color

70.9641, 71.5661, 94.0778

Protanomaly

70.4625, 71.6739, 94.9147

Deuteranomaly

72.4730, 71.5659, 94.7879

Tritanomaly

70.3228, 71.6880, 91.0197

Monochromacy



Original Color

70.9641, 71.5661, 94.0778

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.5549, 72.2157, 84.4018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9641, 71.5661, 94.0778 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(222, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 217, 242) }
```

Border

The CSS property to change the border of an element to XYZ 70.9641, 71.5661, 94.0778 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(222, 217, 242) }
```


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

```
.border{ border-color:rgb(222, 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(222, 217, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(222, 217,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9641, 71.5661, 94.0778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 217, 242) }
```

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

```
.background{ background-color: rgb(222,  
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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