

Converting Colors

XYZ(71.9797, 74.0239, 97.5308)

Have a look what the booklet for
XYZ(71.9797, 74.0239, 97.5308)
contains.

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Color

**XYZ(71.9692, 73.9564,
97.6706)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDEF6
RGB	219, 222, 246
RGB Percent	86%, 87%, 96%
CMY	0.1412, 0.1294, 0.0353
CMYK	0.11, 0.10, 0.00, 0.04
HSL	233°, 60%, 91%
HSV	233°, 11%, 96%
XYZ	71.9692, 73.9564, 97.6706
YIQ	223.8390, -9.4920, 6.8280

Conversions

Conversions Part 2

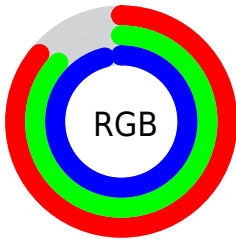
Format	Color
R _Y B	219, 222, 246
Decimal	14409462
CIE Lab	88.90, 3.57, -12.02
CIE LCh	89, 12.537, 286.521
Yxy	73.9564, 0.2954, 0.3036
Android (android.graphics.Color)	4292599542 (0xFFDBDEF6)
YUV	223.8390, 10.9254, -4.2438
Hunter-Lab	85.9979, -1.1148, -7.1390

Details

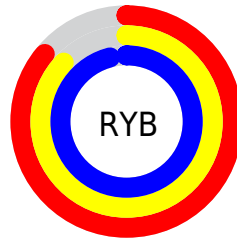
The XYZ color **71.9692, 73.9564, 97.6706** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.8431, 88.8079, 79.7946**, and the grayscale version is **70.6677, 74.3479, 80.9649**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4228, 39.2477, 54.2657** is the 20% darker color. If you saturate the color by 10%, you get **59.6731, 59.5504, 95.5392**, and if you desaturate by 10%, it is **86.1164, 90.4385, 100.1075**.

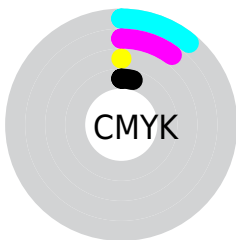
Distribution



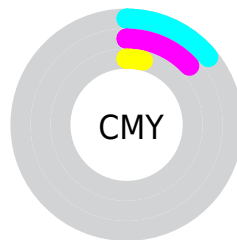
- Red (86%)
- Green (87%)
- Blue (96%)



- Red (86%)
- Yellow (87%)
- Blue (96%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9692, 73.9564, 97.6706 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 71.9692, 73.9564, 97.6706 by changing the saturation by 10% instead.

■ 71.9692, 73.9564,
97.6706

■ 71.9692, 73.9564,
97.6706

456.5937,
474.3229, 573.8810

■ 53.4189, 54.7584,
73.7506

121.0238,
124.8340, 159.9762

■ 38.3661, 39.2083,
54.0944

152.2588,
157.2823, 199.1989

■ 26.4454, 26.9218,
38.2834

188.4527,
194.9162, 244.3595

■ 17.2916, 17.5145,
25.8992

229.9709,
238.1201, 295.8766

■ 10.5392, 10.6020,
16.5232

277.1787,
287.2783, 354.1688

■ 5.8229, 5.7999,
9.7368

330.4416,

■ 2.7773, 2.7238,

342.7752, 419.6546

5.1215

390.1248,
404.9953, 492.7525

■ 1.0371, 0.9893,
2.2587

■ 0.0000, 0.0000,
0.7080

■ 71.9692, 73.9564,
97.6706

■ 71.9692, 73.9564,
97.6706

■ 59.6731, 59.5504,
95.5392

■ 86.1164, 90.4385,
100.1075

■ 49.1451, 47.1290,
93.6965

■ 93.6348, 99.4339,
101.4475

■ 40.3053, 36.6077,
92.1316

■ 33.0654, 27.8925,
90.8310

■ 27.3288, 20.8808,
89.7800

■ 22.9886, 15.4603,
88.9624

■ 19.9234, 11.5045,
88.3604

■ 17.9903, 8.8672,
87.9533

■ 17.0350, 7.4544,
87.7309

Harmonies

Analogous

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



68.9393, 73.9564, 97.9325



71.9692, 73.9564, 97.6706



74.6220, 73.9564, 92.6066

Triad

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



71.9692, 73.9564, 97.6706



74.3939, 73.9564, 68.9759



64.7593, 73.9564, 76.6855

Complementary

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



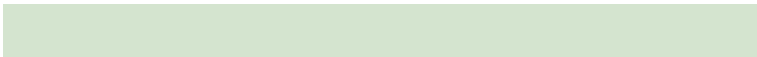
71.9692, 73.9564, 97.6706



82.8431, 88.8079, 79.7946

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.



66.1354, 73.9564, 69.5444



71.9692, 73.9564, 97.6706



71.6650, 73.9564, 65.3147

Square

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



71.9692, 73.9564, 97.6706



76.0493, 73.9564, 75.8573



68.6437, 73.9564, 65.5151



64.8354, 73.9564, 85.3823

Rectangle

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



71.9692, 73.9564, 97.6706



75.7938, 73.9564, 87.3835



68.6437, 73.9564, 65.5151



65.0656, 73.9564, 74.0369

Sweetspot

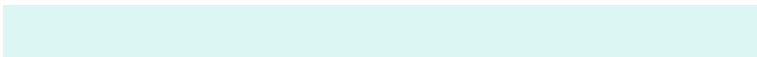
The Sweet Spot groups the original color and five complimentary colors.



71.9714, 73.9595, 97.6722



90.1605, 94.3162, 108.0606



78.3255, 87.4349, 97.4249



19.0251, 19.8700, 23.0825



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.



71.9714, 73.9595, 97.6722



75.1989, 76.8672, 105.4812



74.3923, 74.0339, 97.5590



15.7295, 16.2233, 20.8450



9.1417, 4.0771, 46.8432



0.8512, 0.4538, 4.1330

Inverse Universe

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



76.5241, 75.5314, 79.6565



80.9855, 78.8885, 82.5775



80.2192, 88.8003, 79.9314



16.5741, 16.5125, 17.5036



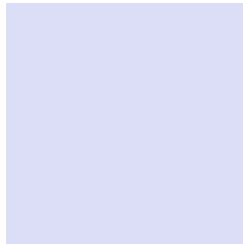
20.4188, 10.5110, 1.6478



1.8187, 0.9334, 0.2716

Previews

White Background



This preview shows how the XYZ color 71.9692, 73.9564, 97.6706 looks on a white background.

Color Contrast Check

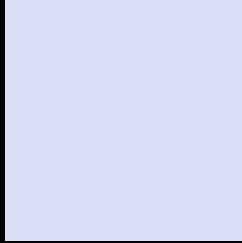
Large Text (above 18pt) WCAG AA × Fail

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 71.9692, 73.9564, 97.6706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

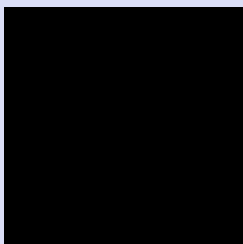
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9692, 73.9564, 97.6706

Background



This preview shows how black text looks on a background with the XYZ color 71.9692, 73.9564, 97.6706.

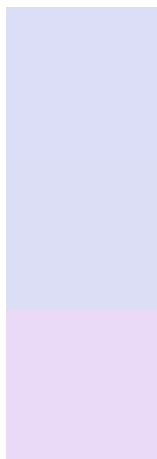


This preview shows how white text looks on a background with the XYZ color 71.9692, 73.9564,

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

71.9692, 73.9564, 97.6706

Protanopia

72.2710, 74.1120, 97.6847

Deuteranopia

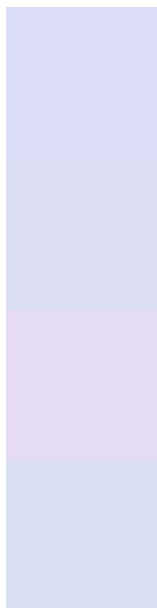
75.5330, 73.8335, 98.2660



Tritanopia

71.1783, 74.0317, 93.7571

Trichromacy



Original Color

71.9692, 73.9564, 97.6706

Protanomaly

72.2710, 74.1120, 97.6847

Deuteranomaly

74.4331, 74.0364, 98.3631

Tritanomaly

71.4788, 74.1518, 95.3394

Monochromacy



Original Color

71.9692, 73.9564, 97.6706

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0774, 74.1311, 86.9065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9692, 73.9564, 97.6706 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, 222, 246)` looks like.

```
.text, #text, p{  
    color:rgb(219, 222, 246)  
}
```

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, 222, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 222, 246) }
```

Border

The CSS property to change the border of an element to XYZ 71.9692, 73.9564, 97.6706 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, 222, 246) }
```


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

```
.border{ border-color:rgb(219, 222, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 222, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 222, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 222, 246);  
box-shadow:4px 4px 4px 4px rgb(219, 222,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9692, 73.9564, 97.6706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 222, 246) }
```

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

```
.background{ background-color: rgb(219,  
222, 246) }
```

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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