

Converting Colors

XYZ(71.3685, 73.8131, 97.6738)

Have a look what the booklet for
XYZ(71.3685, 73.8131, 97.6738)
contains.

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Color

**XYZ(71.3711, 73.6481,
97.6426)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DEF6
RGB	217, 222, 246
RGB Percent	85%, 87%, 96%
CMY	0.1490, 0.1294, 0.0353
CMYK	0.12, 0.10, 0.00, 0.04
HSL	230°, 62%, 91%
HSV	230°, 12%, 96%
XYZ	71.3711, 73.6481, 97.6426
YIQ	223.2410, -10.6840, 6.4040

Conversions

Conversions Part 2

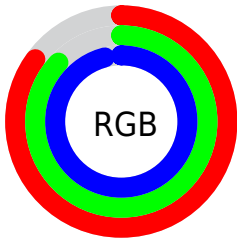
Format	Color
RYB	217, 221, 246
Decimal	14278390
CIELab	88.76, 2.93, -12.25
CIELCh	89, 12.598, 283.441
Yxy	73.6481, 0.2941, 0.3035
Android (android.graphics.Color)	4292468470 (0xFFD9DEF6)
YUV	223.2410, 11.2202, -5.4734
Hunter-Lab	85.8185, -1.7324, -7.3861

Details

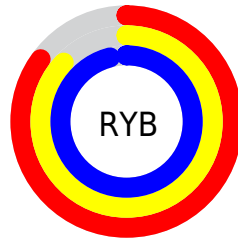
The XYZ color **71.3711, 73.6481, 97.6426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.9861, 87.5127, 78.2176**, and the grayscale version is **70.2405, 73.8985, 80.4755**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0133, 39.0365, 54.2465** is the 20% darker color. If you saturate the color by 10%, you get **59.5132, 59.9894, 95.6323**, and if you desaturate by 10%, it is **84.9761, 89.1804, 99.9247**.

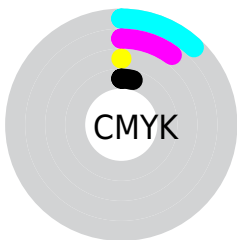
Distribution



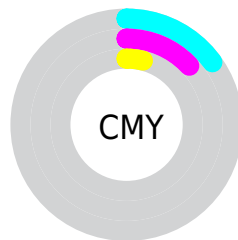
- Red (85%)
- Green (87%)
- Blue (96%)



- Red (85%)
- Yellow (87%)
- Blue (96%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3711, 73.6481, 97.6426 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 71.3711, 73.6481, 97.6426 by changing the saturation by 10% instead.

■ 71.3711, 73.6481,
97.6426

■ 71.3711, 73.6481,
97.6426

454.5413,
473.2580, 573.7899

■ 52.9287, 54.5061,
73.7274

120.1776,
124.3968, 159.9373

■ 37.9731, 39.0064,
54.0755

151.2725,
156.7723, 199.1538

■ 26.1389, 26.7647,
38.2684

187.3155,
194.3278, 244.3079

■ 17.0608, 17.3966,
25.8876

228.6722,
237.4476, 295.8180

■ 10.3735, 10.5177,
16.5146

275.7077,
286.5161, 354.1027

■ 5.7114, 5.7435,
9.7307

328.7875,

■ 2.7094, 2.6897,

341.9177, 419.5806

5.1175

388.2769,
404.0369, 492.6701

■ 1.0020, 0.9720,
2.2564

■ 0.0000, 0.0000,
0.7067

■ 71.3711, 73.6481,
97.6426

■ 71.3711, 73.6481,
97.6426

■ 59.5132, 59.9894,
95.6323

■ 84.9761, 89.1804,
99.9247

■ 49.3245, 48.1239,
93.8791

■ 93.6348, 99.4339,
101.4475

■ 40.7312, 37.9791,
92.3739

■ 33.6511, 29.4739,
91.1053

■ 27.9945, 22.5206,
90.0614

■ 23.6621, 17.0229,
89.2285

■ 20.5413, 12.8734,
88.5921

■ 18.4993, 9.9487,
88.1352

■ 17.4784, 8.3412,
87.8787

Harmonies

Analogous

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



68.3438, 73.6481, 97.3735



71.3711, 73.6481, 97.6426



74.1068, 73.6481, 93.0011

Triad

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



71.3711, 73.6481, 97.6426



74.3412, 73.6481, 69.1968



64.5331, 73.6481, 75.5025

Complementary

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



71.3711, 73.6481, 97.6426



81.9861, 87.5127, 78.2176

Split Complementary

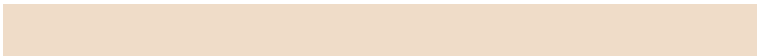
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.0484, 73.6481, 68.6134



71.3711, 73.6481, 97.6426



71.6834, 73.6481, 65.1577

Square

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



71.3711, 73.6481, 97.6426



75.8549, 73.6481, 76.3527



68.6472, 73.6481, 64.9522



64.4550, 73.6481, 84.1543

Rectangle

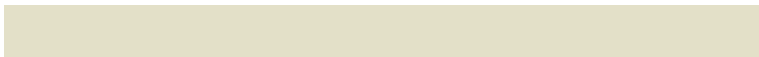
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3711, 73.6481, 97.6426



75.3729, 73.6481, 87.9291



68.6472, 73.6481, 64.9522



64.8892, 73.6481, 72.9194

Sweetspot

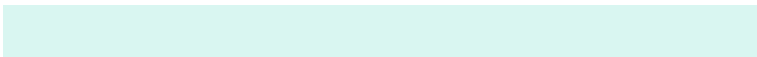
The Sweet Spot groups the original color and five complimentary colors.



71.3733, 73.6512, 97.6442



88.7627, 92.8491, 107.8511



77.4022, 86.9965, 95.6850



18.7533, 19.5937, 23.0435



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.



71.3733, 73.6512, 97.6442



74.4032, 76.4255, 105.4379



72.8703, 72.4794, 97.3392



15.8122, 16.3887, 20.8725



9.3985, 4.5907, 46.9288



0.8902, 0.5318, 4.1460

Inverse Universe

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



76.0054, 74.4941, 79.4837



80.3032, 77.5410, 82.2973



80.3453, 88.8955, 78.5710



16.6158, 16.5292, 17.7233



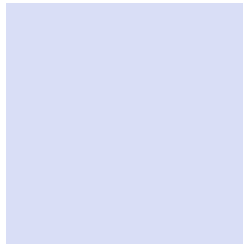
20.5484, 10.5628, 2.3305



1.8384, 0.9413, 0.3754

Previews

White Background



This preview shows how the XYZ color 71.3711, 73.6481, 97.6426 looks on a white background.

Color Contrast Check

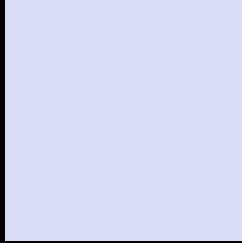
Large Text (above 18pt) WCAG AA × Fail

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 71.3711, 73.6481, 97.6426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

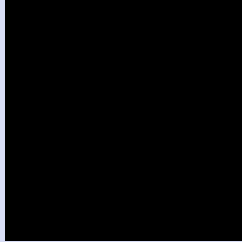
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3711, 73.6481, 97.6426

Background



This preview shows how black text looks on a background with the XYZ color 71.3711, 73.6481, 97.6426.

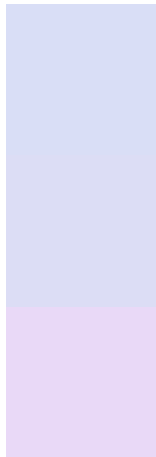


This preview shows how white text looks on a background with the XYZ color 71.3711, 73.6481,

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

71.3711, 73.6481, 97.6426

Protanopia

71.8531, 73.5211, 96.7901

Deuteranopia

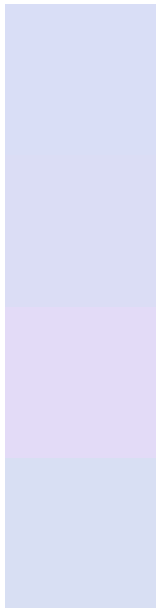
75.2056, 73.6647, 98.2506



Tritanopia

70.5838, 73.7252, 93.7293

Trichromacy



Original Color

71.3711, 73.6481, 97.6426

Protanomaly

71.5513, 73.3655, 96.7760

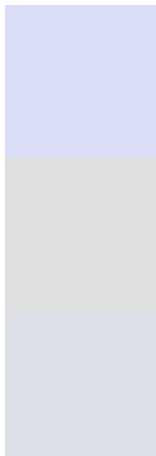
Deuteranomaly

73.7986, 73.7093, 98.3334

Tritanomaly

70.8842, 73.8453, 95.3116

Monochromacy



Original Color

71.3711, 73.6481, 97.6426

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.6303, 73.9170, 86.1461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3711, 73.6481, 97.6426 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(217, 222, 246)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 222, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 222, 246) }
```

Border

The CSS property to change the border of an element to XYZ 71.3711, 73.6481, 97.6426 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(217, 222, 246) }
```


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

```
.border{ border-color:rgb(217, 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(217, 222, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 222, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 222, 246);  
box-shadow:4px 4px 4px 4px rgb(217, 222,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3711, 73.6481, 97.6426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 222, 246) }
```

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

```
.background{ background-color: rgb(217,  
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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