

Converting Colors

XYZ(73.4206, 78.6753,
102.5830)

Have a look what the booklet for
XYZ(73.4206, 78.6753, 102.5830)
contains.

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Color

**XYZ(73.4206, 78.6753,
102.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E8FB
RGB	212, 232, 251
RGB Percent	83%, 91%, 98%
CMY	0.1686, 0.0902, 0.0157
CMYK	0.16, 0.08, 0.00, 0.02
HSL	209°, 83%, 91%
HSV	209°, 16%, 98%
XYZ	73.4206, 78.6753, 102.5830
YIQ	228.1860, -18.0190, 1.6690

Conversions

Conversions Part 2

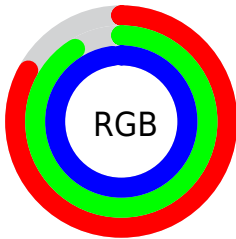
Format	Color
R _Y B	212, 225, 251
Decimal	13953275
CIE Lab	91.09, -2.81, -11.43
CIE LCh	91, 11.773, 256.186
Yxy	78.6753, 0.2883, 0.3089
Android (android.graphics.Color)	4292143355 (0xFFD4E8FB)
YUV	228.1860, 11.2473, -14.1951
Hunter-Lab	88.6991, -7.4702, -6.4812

Details

The XYZ color **73.4206, 78.6753, 102.5830** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.2439, 82.4145, 73.9673**, and the grayscale version is **73.8105, 77.6544, 84.5657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1676, 42.1138, 57.1034** is the 20% darker color. If you saturate the color by 10%, you get **63.4176, 68.5878, 101.1644**, and if you desaturate by 10%, it is **84.7925, 89.8280, 104.1376**.

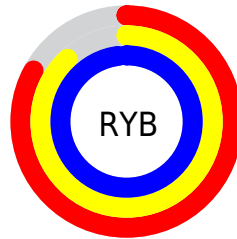
Distribution



Red (83%)

Green (91%)

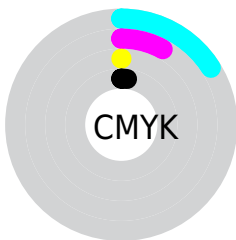
Blue (98%)



Red (83%)

Yellow (88%)

Blue (98%)

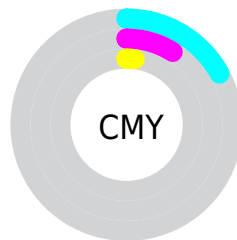


Cyan (16%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (17%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4206, 78.6753, 102.5830 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 73.4206, 78.6753, 102.5830 by changing the saturation by 10% instead.

■ 73.4206, 78.6753,
102.5830

■ 73.4206, 78.6753,
102.5830

461.5525,
490.4572, 589.7599

■ 54.6096, 58.6289,
77.8306

123.0740,
131.5016, 166.7851

■ 39.3218, 42.3144,
57.4192

154.6471,
165.0504, 207.0718

■ 27.1920, 29.3476,
40.9303

191.2050,
203.8686, 253.3737

■ 17.8548, 19.3439,
27.9453

233.1129,
248.3409, 306.1093

■ 10.9449, 11.9191,
18.0458

280.7362,
298.8515, 365.6972

■ 6.0968, 6.6886,
10.8131

334.4404,

■ 2.9452, 3.2681,

355.7848, 432.5559

5.8287

394.5907,
419.5252, 507.1040

■ 1.1249, 1.2733,
2.6741

■ 0.0458, 0.1204,
0.9303

■ 73.4206, 78.6753,
102.5830

■ 73.4206, 78.6753,
102.5830

■ 63.4176, 68.5878,
101.1644

■ 84.7925, 89.8280,
104.1376

■ 54.7198, 59.5195,
99.8724

■ 94.4128, 99.7451,
105.5447

■ 47.2687, 51.4347,
98.7046

■ 40.9983, 44.2917,
97.6564

■ 35.8358, 38.0453,
96.7228

■ 31.6995, 32.6449,
95.8984

■ 28.4947, 28.0331,
95.1772

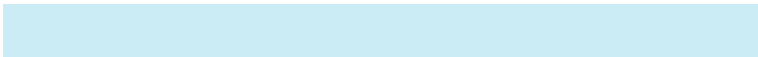
■ 26.1054, 24.1414,
94.5519

■ 25.2285, 22.5965,
94.3000

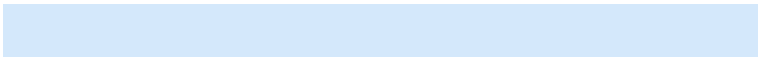
Harmonies

Analogous

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



70.8866, 78.6753, 98.0414



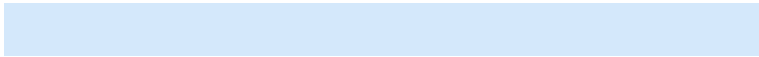
73.4206, 78.6753, 102.5830



76.3849, 78.6753, 102.3851

Triad

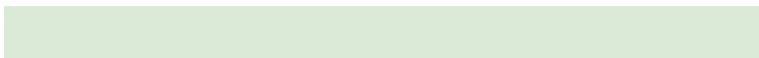
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4206, 78.6753, 102.5830



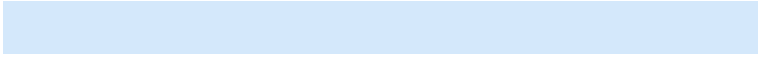
80.4094, 78.6753, 81.1766



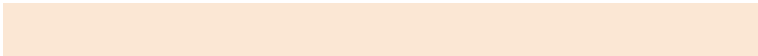
70.7251, 78.6753, 74.8123

Complementary

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



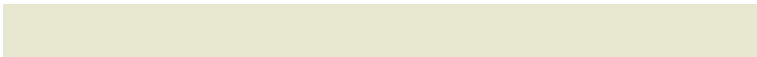
73.4206, 78.6753, 102.5830



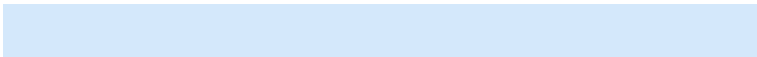
80.2439, 82.4145, 73.9673

Split Complementary

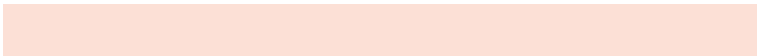
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1948, 78.6753, 70.8704



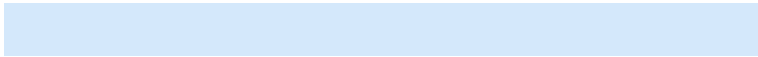
73.4206, 78.6753, 102.5830



78.8103, 78.6753, 74.3749

Square

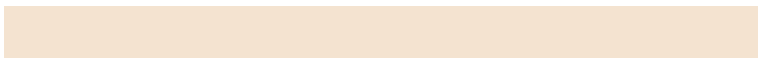
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4206, 78.6753, 102.5830



80.4737, 78.6753, 89.6366



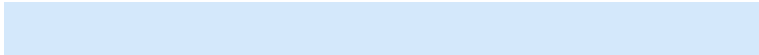
76.1531, 78.6753, 70.7158



69.3585, 78.6753, 81.8106

Rectangle

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



73.4206, 78.6753, 102.5830



78.2079, 78.6753, 99.5826



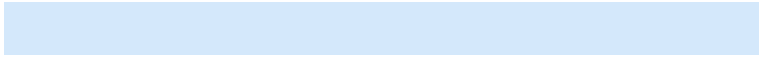
76.1531, 78.6753, 70.7158



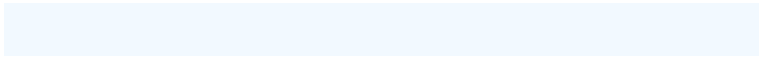
71.4508, 78.6753, 73.1069

Sweetspot

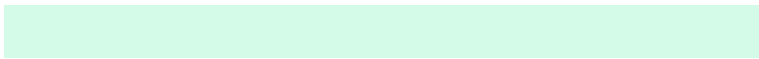
The Sweet Spot groups the original color and five complimentary colors.



73.4229, 78.6786, 102.5848



88.5644, 93.7628, 108.0379



76.0527, 88.7539, 88.6146



18.7677, 19.8864, 23.0992



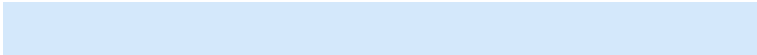
0.0000, 0.0000, 0.0000



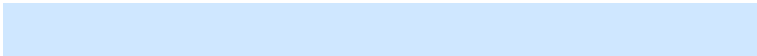
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4229, 78.6786, 102.5848



72.3445, 77.7965, 105.8110



68.2719, 68.3764, 100.8677



17.0192, 18.1153, 21.9849



13.4075, 12.1705, 49.6160



1.3479, 1.3395, 4.6307

Inverse Universe

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



77.8945, 73.4242, 86.4144



77.9243, 71.4600, 85.5838



85.9632, 93.8530, 75.8737



17.6162, 17.3739, 19.8349



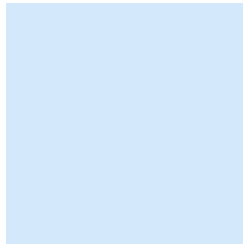
23.0595, 11.6395, 12.2876



2.1893, 1.0995, 1.4202

Previews

White Background



This preview shows how the XYZ color 73.4206, 78.6753, 102.5830 looks on a white background.

Color Contrast Check

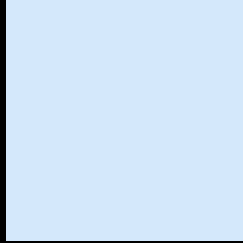
Large Text (above 18pt) WCAG AA × Fail

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 73.4206, 78.6753, 102.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

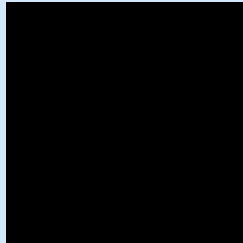
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

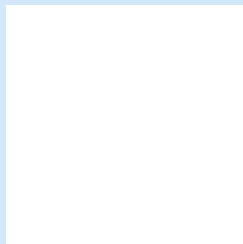
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4206, 78.6753, 102.5830

Background



This preview shows how black text looks on a background with the XYZ color 73.4206, 78.6753, 102.5830.

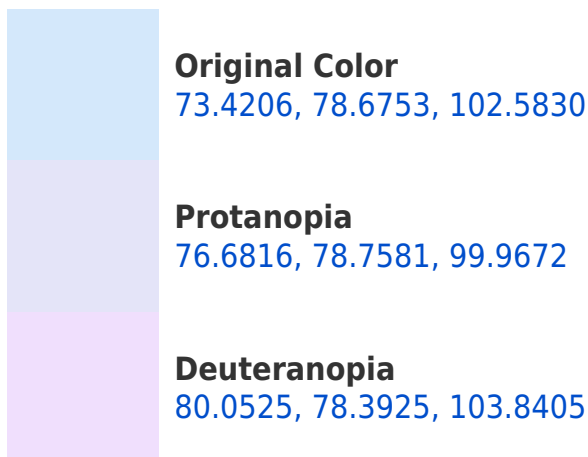


This preview shows how white text looks on a background with the XYZ color 73.4206, 78.6753,

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





Tritanopia

73.4206, 78.6753, 102.5830

Trichromacy



Original Color

73.4206, 78.6753, 102.5830

Protanomaly

75.2424, 78.4078, 100.7910

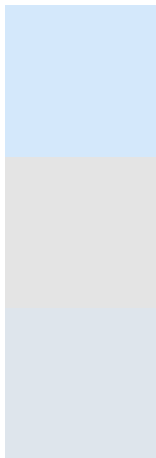
Deuteranomaly

77.4002, 78.2440, 103.1186

Tritanomaly

73.4206, 78.6753, 102.5830

Monochromacy



Original Color

73.4206, 78.6753, 102.5830

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2838, 77.6243, 90.4774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4206, 78.6753, 102.5830 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(212, 232, 251)` looks like.

```
.text, #text, p{  
    color:rgb(212, 232, 251)  
}
```

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(212, 232, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 232, 251) }
```

Border

The CSS property to change the border of an element to XYZ 73.4206, 78.6753, 102.5830 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(212, 232, 251) }
```


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

```
.border{ border-color:rgb(212, 232, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 232, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 232, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 232, 251);  
box-shadow:4px 4px 4px 4px rgb(212, 232,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4206, 78.6753, 102.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 232, 251) }
```

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

```
.background{ background-color: rgb(212,  
232, 251) }
```

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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