

Converting Colors

XYZ(78.9006, 96.4985, 73.7278)

Have a look what the booklet for
XYZ(78.9006, 96.4985, 73.7278)
contains.

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Color

**XYZ(76.2359, 91.0851,
72.5946)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFFCF
RGB	219, 255, 207
RGB Percent	86%, 100%, 81%
CMY	0.1412, 0.0000, 0.1882
CMYK	0.14, 0.00, 0.19, 0.00
HSL	105°, 100%, 91%
HSV	105°, 19%, 100%
XYZ	76.2359, 91.0851, 72.5946
YIQ	238.7640, -6.0480, -22.5600

Conversions

Conversions Part 2

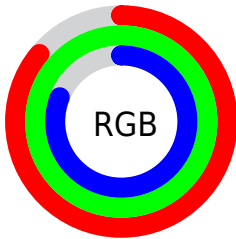
Format	Color
RYB	207, 255, 243
Decimal	14417871
CIELab	96.45, -20.12, 19.15
CIELCh	96, 27.773, 136.408
Yxy	91.0851, 0.3178, 0.3797
Android (android.graphics.Color)	4292607951 (0xFFDBFFCF)
YUV	238.7640, -15.6597, -17.3330
Hunter-Lab	95.4385, -24.4323, 21.7085

Details

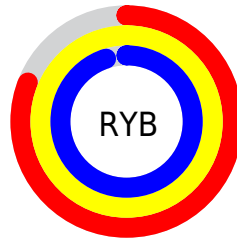
The XYZ color **76.2359, 91.0851, 72.5946** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.3258, 70.9015, 104.2176**, and the grayscale version is **81.9813, 86.2507, 93.9270**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2537, 50.5806, 37.7257** is the 20% darker color. If you saturate the color by 10%, you get **67.9384, 87.1391, 57.2255**, and if you desaturate by 10%, it is **85.6993, 95.5738, 90.6492**.

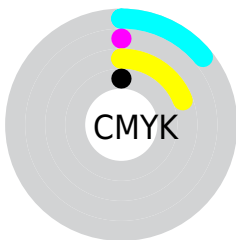
Distribution



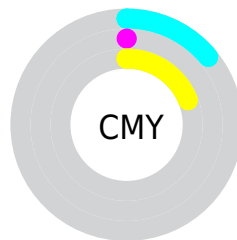
- Red (86%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2359, 91.0851, 72.5946 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 76.2359, 91.0851, 72.5946 by changing the saturation by 10% instead.


 76.2359, 91.0851,
72.5946

 76.2359, 91.0851,
72.5946


471.0868,
531.5543, 488.6416

 56.9237, 68.8810,
53.1547


127.0389,
148.8447, 124.6171

 41.1839, 50.6148,
37.5377


159.2604,
185.1690, 158.0368

 28.6511, 35.9021,
25.3251

196.5157,
226.9688, 196.9535

 18.9600, 24.3586,
16.0982

239.1702,
274.6285, 241.7859

 11.7452, 15.5999,
9.4386

287.5892,
328.5326, 292.9523

 6.6414, 9.2415,
4.9276

342.1380,

 3.2832, 4.8990,

389.0653, 350.8714

2.1469

403.1821,
456.6111, 415.9616

■ 1.3052, 2.1881,
0.6435

■ 0.1871, 0.7135,
0.0000

■ 76.2359, 91.0851,
72.5946

■ 76.2359, 91.0851,
72.5946

■ 67.9384, 87.1391,
57.2255

■ 85.6993, 95.5738,
90.6492

■ 60.7585, 83.7140,
44.4095

95.0500, 100.0000,
108.9000

■ 54.6473, 80.7874,
34.0095

■ 49.5512, 78.3351,
25.8737

■ 45.4117, 76.3305,
19.8331

■ 42.1638, 74.7444,
15.6951

■ 39.7333, 73.5434,
13.2315

■ 38.0231, 72.6848,
12.1118

■ 37.8580, 72.6015,
12.0182

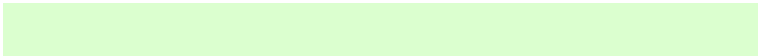
Harmonies

Analogous

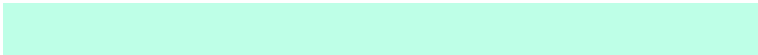
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4374, 91.0851, 63.6509



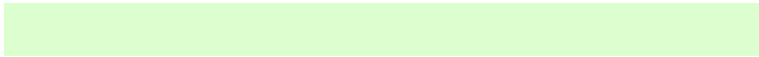
76.2359, 91.0851, 72.5946



72.8987, 91.0851, 89.4930

Triad

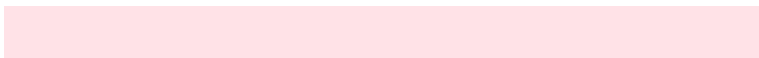
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2359, 91.0851, 72.5946



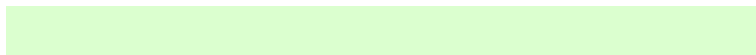
83.1230, 91.0851, 146.6413



101.6492, 91.0851, 87.6171

Complementary

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



76.2359, 91.0851, 72.5946



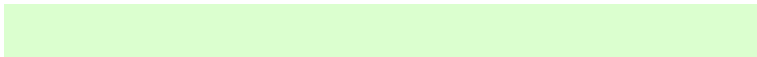
77.3258, 70.9015, 104.2176

Split Complementary

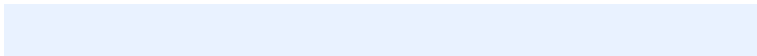
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.8600, 91.0851, 109.5338



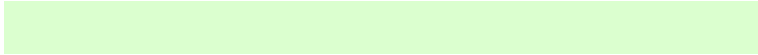
76.2359, 91.0851, 72.5946



90.8460, 91.0851, 145.9388

Square

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



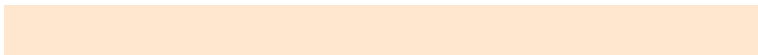
76.2359, 91.0851, 72.5946



76.7120, 91.0851, 133.3599



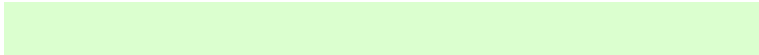
97.8061, 91.0851, 131.5637



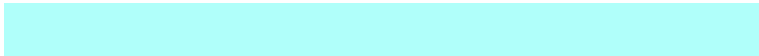
97.2462, 91.0851, 71.3983

Rectangle

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



76.2359, 91.0851, 72.5946



72.6103, 91.0851, 104.0096



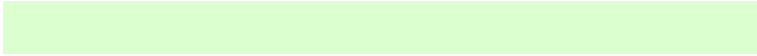
97.8061, 91.0851, 131.5637



102.2213, 91.0851, 94.4949

Sweetspot

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



76.2365, 91.0853, 72.5960



88.5872, 96.9417, 96.2472



84.5535, 89.8666, 71.9224



18.8164, 20.6809, 20.3193



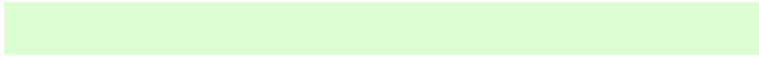
0.0000, 0.0000, 0.0000



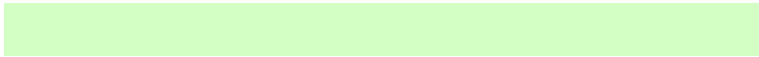
20.3446, 21.4041, 23.3091

Same Dimension

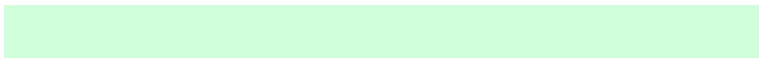
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2365, 91.0853, 72.5960



72.6311, 89.3721, 65.8562



74.2791, 89.9003, 80.4565



18.1970, 20.3874, 19.1204



19.8954, 37.9945, 6.2851



2.0319, 3.7483, 0.6164

Inverse Universe

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



77.3258, 70.9015, 104.2176



73.9190, 65.4424, 103.3434



79.7311, 72.3578, 94.5586



18.3231, 18.0583, 22.7698



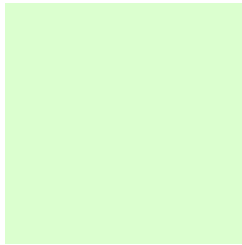
20.8354, 9.6515, 50.1994



2.1284, 0.9912, 4.8924

Previews

White Background



This preview shows how the XYZ color 76.2359, 91.0851, 72.5946 looks on a white background.

Color Contrast Check

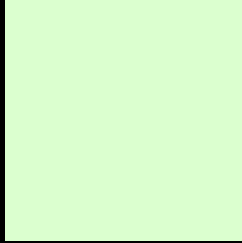
Large Text (above 18pt) WCAG AA × Fail

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 76.2359, 91.0851, 72.5946 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

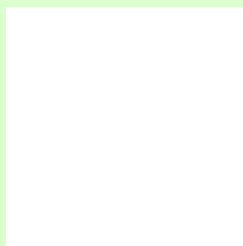
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2359, 91.0851, 72.5946

Background



This preview shows how black text looks on a background with the XYZ color 76.2359, 91.0851, 72.5946.



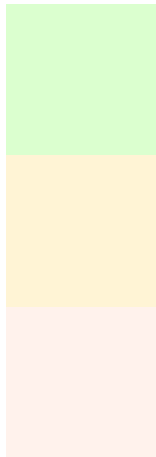
This preview shows how white text looks on a background with the XYZ color 76.2359, 91.0851,

72.5946.

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

76.2359, 91.0851, 72.5946

Protanopia

85.6009, 90.7655, 75.9586

Deuteranopia

88.1325, 90.8204, 92.2419



Tritanopia

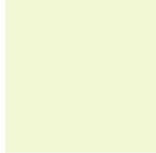
85.9308, 91.1361, 107.6697

Trichromacy



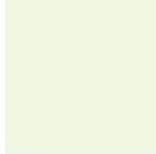
Original Color

76.2359, 91.0851, 72.5946



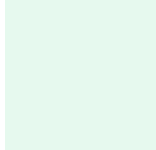
Protanomaly

81.9432, 90.7152, 74.8189



Deuteranomaly

83.4693, 90.8350, 84.3678



Tritanomaly

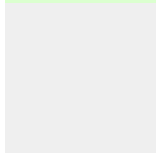
81.9414, 90.7474, 94.0861

Monochromacy



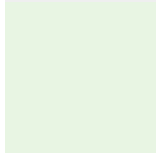
Original Color

76.2359, 91.0851, 72.5946



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

79.7962, 88.0067, 85.4543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2359, 91.0851, 72.5946 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, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 207)  
}
```

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, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 76.2359, 91.0851, 72.5946 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, 255, 207) }
```


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

```
.border{ border-color:rgb(219, 255, 207) }
```

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

Here you see how a box with a 4 pixel rgb(219, 255, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2359, 91.0851, 72.5946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 207) }
```

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

```
.background{ background-color: rgb(219,  
255, 207) }
```

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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