

Converting Colors

XYZ(76.4915, 91.2168, 72.6073)

Have a look what the booklet for
XYZ(76.4915, 91.2168, 72.6073)
contains.

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Color

**XYZ(76.5377, 91.2406,
72.6087)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFFCF
RGB	220, 255, 207
RGB Percent	86%, 100%, 81%
CMY	0.1372, 0.0000, 0.1882
CMYK	0.14, 0.00, 0.19, 0.00
HSL	104°, 100%, 91%
HSV	104°, 19%, 100%
XYZ	76.5377, 91.2406, 72.6087
YIQ	239.0630, -5.4520, -22.3480

Conversions

Conversions Part 2

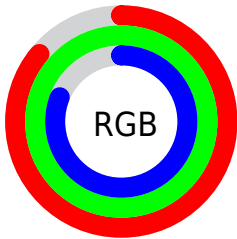
Format	Color
R_{YB}	207, 255, 242
Decimal	14483407
CIE _{Lab}	96.51, -19.78, 19.25
CIE _{LCh}	97, 27.599, 135.777
Yxy	91.2406, 0.3184, 0.3796
Android (android.graphics.Color)	4292673487 (0xFFDCFFCF)
YUV	239.0630, -15.8071, -16.7183
Hunter-Lab	95.5199, -24.1324, 21.7952

Details

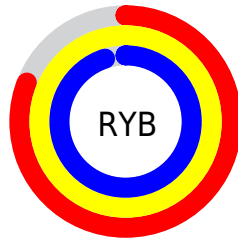
The XYZ color **76.5377, 91.2406, 72.6087** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.9815, 70.7240, 104.2015**, and the grayscale version is **82.2149, 86.4965, 94.1947**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4609, 50.6874, 37.7354** is the 20% darker color. If you saturate the color by 10%, you get **68.3492, 87.3509, 57.2447**, and if you desaturate by 10%, it is **85.8570, 95.6551, 90.6565**.

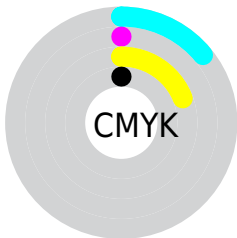
Distribution



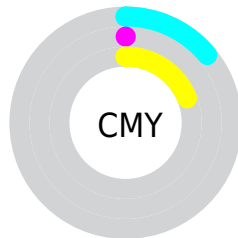
- Red (86%)
- Green (100%)
- Blue (81%)



- 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 76.5377, 91.2406, 72.6087 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 76.5377, 91.2406, 72.6087 by changing the saturation by 10% instead.

76.5377, 91.2406,
72.6087

76.5377, 91.2406,
72.6087

472.1025,
532.0583, 488.6919

57.1721, 69.0101,
53.1662

127.4630,
149.0604, 124.6373

41.3841, 50.7199,
37.5468

159.7534,
185.4185, 158.0605

28.8084, 35.9857,
25.3321

197.0829,
227.2546, 196.9810

19.0794, 24.4232,
16.1034

239.8167,
274.9530, 241.8173

11.8320, 15.6478,
9.4422

288.3202,
328.8982, 292.9880

6.7008, 9.2753,
4.9300

342.9587,

3.3204, 4.9212,

389.4745, 350.9117

2.1482

404.0977,
457.0664, 416.0068

■ 1.3254, 2.2011,
0.6442

■ 0.2021, 0.7206,
0.0000

■ 76.5377, 91.2406,
72.6087

■ 76.5377, 91.2406,
72.6087

■ 68.3492, 87.3509,
57.2447

■ 85.8570, 95.6551,
90.6565

■ 61.2451, 83.9648,
44.4323

95.0500, 100.0000,
108.9000

■ 55.1783, 81.0611,
34.0344

■ 50.0976, 78.6167,
25.8993

■ 45.9468, 76.6063,
19.8582

■ 42.6637, 75.0021,
15.7185

■ 40.1770, 73.7721,
13.2523

■ 38.3934, 72.8757,
12.1291

■ 38.2186, 72.7875,
12.0351

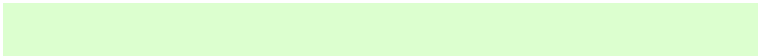
Harmonies

Analogous

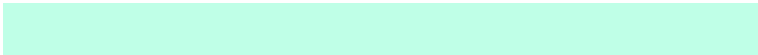
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7576, 91.2406, 63.8714



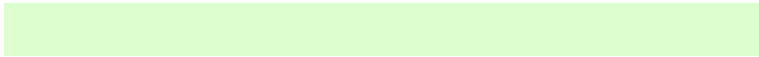
76.5377, 91.2406, 72.6087



73.1463, 91.2406, 89.2872

Triad

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



76.5377, 91.2406, 72.6087



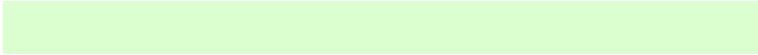
83.1343, 91.2406, 146.3790



101.7644, 91.2406, 88.2562

Complementary

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



76.5377, 91.2406, 72.6087



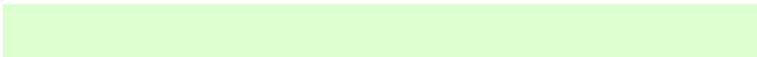
76.9815, 70.7240, 104.2015

Split Complementary

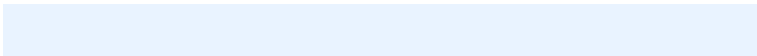
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.8801, 91.2406, 110.1321



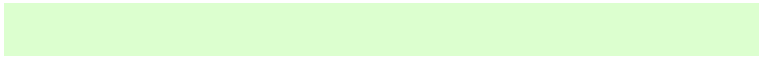
76.5377, 91.2406, 72.6087



90.8099, 91.2406, 145.9938

Square

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



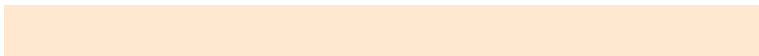
76.5377, 91.2406, 72.6087



76.7994, 91.2406, 132.9372



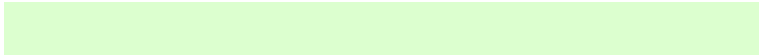
97.7707, 91.2406, 131.9517



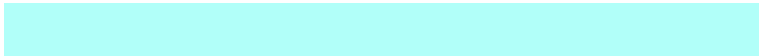
97.4633, 91.2406, 71.9506

Rectangle

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



76.5377, 91.2406, 72.6087



72.8088, 91.2406, 103.6754



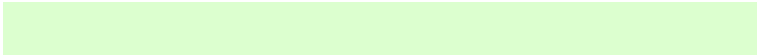
97.7707, 91.2406, 131.9517



102.3022, 91.2406, 95.1379

Sweetspot

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



76.5383, 91.2409, 72.6101



88.6976, 96.9986, 96.2523



84.0768, 88.9131, 71.7635



18.8425, 20.6943, 20.3205



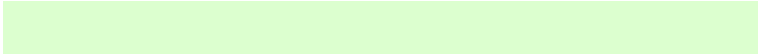
0.0000, 0.0000, 0.0000



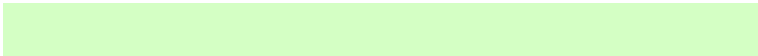
20.3446, 21.4041, 23.3091

Same Dimension

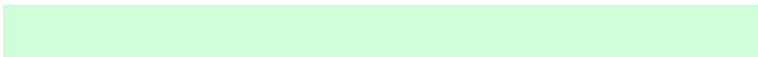
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5383, 91.2409, 72.6101



72.9826, 89.5534, 65.8726



74.0694, 89.8164, 79.3523



18.2331, 20.4061, 19.1221



20.0911, 38.0954, 6.2942



2.0553, 3.7603, 0.6175

Inverse Universe

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



76.9815, 70.7240, 104.2015



73.5047, 65.2288, 103.3240



79.9738, 72.4549, 95.8369



18.2847, 18.0385, 22.7680



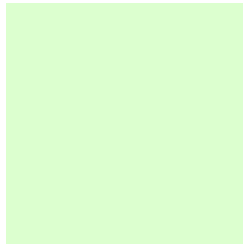
20.1549, 9.3007, 50.1675



2.0670, 0.9595, 4.8895

Previews

White Background



This preview shows how the XYZ color 76.5377, 91.2406, 72.6087 looks on a white background.

Color Contrast Check

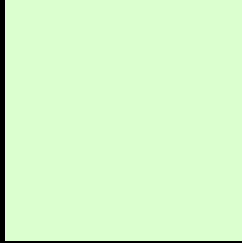
Large Text (above 18pt) WCAG AA × Fail

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 76.5377, 91.2406, 72.6087 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

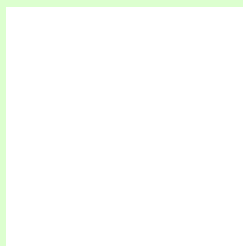
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5377, 91.2406, 72.6087

Background



This preview shows how black text looks on a background with the XYZ color 76.5377, 91.2406, 72.6087.



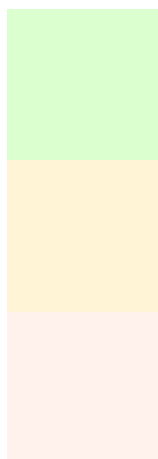
This preview shows how white text looks on a background with the XYZ color 76.5377, 91.2406,

72.6087.

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

76.5377, 91.2406, 72.6087

Protanopia

85.7283, 90.8164, 76.6293

Deuteranopia

88.1325, 90.8204, 92.2419

Tritanopia

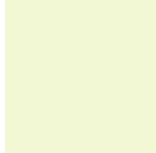
86.2657, 91.3087, 107.6854

Trichromacy



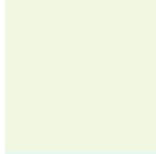
Original Color

76.5377, 91.2406, 72.6087



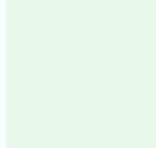
Protanomaly

81.9432, 90.7152, 74.8189



Deuteranomaly

83.4693, 90.8350, 84.3678



Tritanomaly

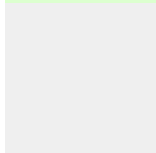
82.2633, 90.9133, 94.1012

Monochromacy



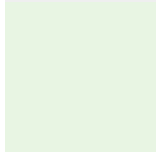
Original Color

76.5377, 91.2406, 72.6087



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 76.5377, 91.2406, 72.6087 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(220, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 76.5377, 91.2406, 72.6087 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(220, 255, 207) }
```


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

```
.border{ border-color:rgb(220, 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(220, 255, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5377, 91.2406, 72.6087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 207) }
```

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

```
.background{ background-color: rgb(220,  
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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