

Converting Colors

XYZ(75.3064, 90.5631, 74.4845)

Have a look what the booklet for
XYZ(75.3064, 90.5631, 74.4845)
contains.

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Color

**XYZ(75.4172, 90.6202,
74.4893)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FFD2
RGB	215, 255, 210
RGB Percent	84%, 100%, 82%
CMY	0.1569, 0.0000, 0.1765
CMYK	0.16, 0.00, 0.18, 0.00
HSL	113°, 100%, 91%
HSV	113°, 18%, 100%
XYZ	75.4172, 90.6202, 74.4893
YIQ	237.9100, -9.3950, -22.4750

Conversions

Conversions Part 2

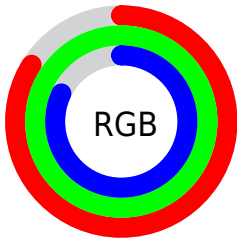
Format	Color
R_{YB}	210, 255, 250
Decimal	14155730
CIE _{Lab}	96.25, -20.96, 17.31
CIE _{LCh}	96, 27.184, 140.441
Y _{xy}	90.6202, 0.3136, 0.3768
Android (android.graphics.Color)	4292345810 (0xFFD7FFD2)
YUV	237.9100, -13.7596, -20.0921
Hunter-Lab	95.1946, -25.1754, 20.2421

Details

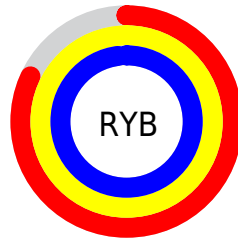
The XYZ color **75.4172, 90.6202, 74.4893** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.5217, 73.6383, 104.5774**, and the grayscale version is **81.3062, 85.5405, 93.1536**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6077, 50.2283, 38.5651** is the 20% darker color. If you saturate the color by 10%, you get **66.2875, 86.2520, 58.7784**, and if you desaturate by 10%, it is **85.9767, 95.6670, 92.9122**.

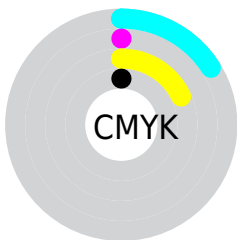
Distribution



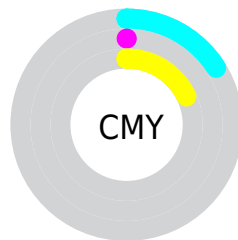
- Red (84%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4172, 90.6202, 74.4893 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 75.4172, 90.6202, 74.4893 by changing the saturation by 10% instead.


 75.4172, 90.6202,
74.4893

 75.4172, 90.6202,
74.4893


468.3254,
530.0463, 495.3689

 56.2501, 68.4952,
54.6954


125.8875,
148.1996, 127.3296

 40.6413, 50.3007,
38.7609


157.9214,
184.4227, 161.2131

 28.2253, 35.6524,
26.2674


194.9750,
226.1140, 200.6302

 18.6369, 24.1658,
16.7962

237.4137,
273.6578, 245.9995

 11.5107, 15.4567,
9.9289

285.6026,
327.4385, 297.7395

 6.4812, 9.1405,
5.2469

339.9074,

 3.1833, 4.8329,

387.8406, 356.2686

2.3316

400.6932,
455.2484, 422.0056

■ 1.2514, 2.1496,
0.7488

■ 0.1464, 0.6923,
0.0000

■ 75.4172, 90.6202,
74.4893

■ 75.4172, 90.6202,
74.4893

■ 66.2875, 86.2520,
58.7784

■ 85.9767, 95.6670,
92.9122

■ 58.5240, 82.5323,
45.6476

95.0500, 100.0000,
108.9000

■ 52.0612, 79.4305,
34.9603

■ 46.8274, 76.9127,
26.5655

■ 42.7440, 74.9422,
20.2956

■ 39.7230, 73.4777,
15.9602

■ 37.6636, 72.4720,
13.3347

■ 36.4416, 71.8676,
12.1235

■ 36.2480, 71.7716,
11.9428

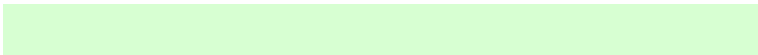
Harmonies

Analogous

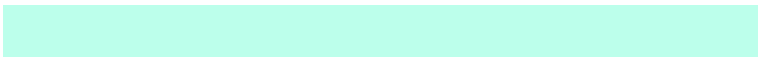
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1605, 90.6202, 64.6142



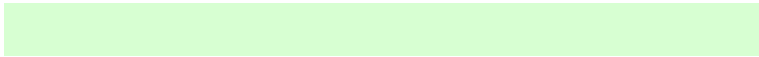
75.4172, 90.6202, 74.4893



72.5946, 90.6202, 91.9257

Triad

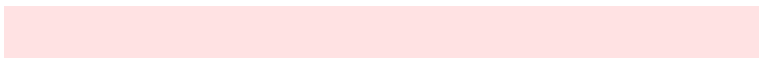
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4172, 90.6202, 74.4893



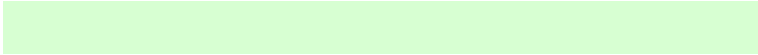
83.7435, 90.6202, 145.6098



100.4636, 90.6202, 84.8502

Complementary

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



75.4172, 90.6202, 74.4893



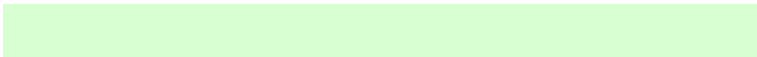
80.5217, 73.6383, 104.5774

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.



101.2552, 90.6202, 105.7364



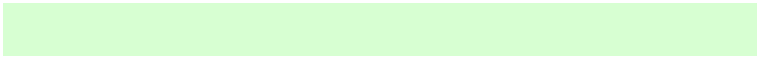
75.4172, 90.6202, 74.4893



91.3020, 90.6202, 142.9805

Square

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



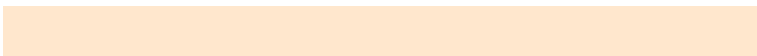
75.4172, 90.6202, 74.4893



77.2131, 90.6202, 134.3205



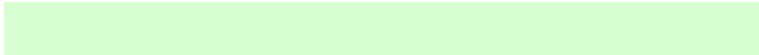
97.8160, 90.6202, 127.5878



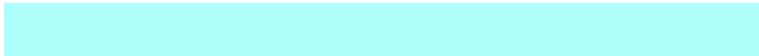
95.7121, 90.6202, 69.9616

Rectangle

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



75.4172, 90.6202, 74.4893



72.6292, 90.6202, 106.3982



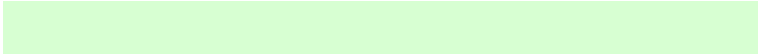
97.8160, 90.6202, 127.5878



101.2120, 90.6202, 91.3254

Sweetspot

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



75.4179, 90.6205, 74.4907



89.0172, 97.1193, 98.2556



86.9812, 94.1293, 74.5585



18.8783, 20.7039, 20.7229



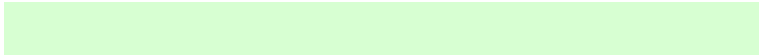
0.0000, 0.0000, 0.0000



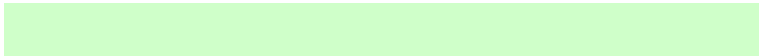
20.3446, 21.4041, 23.3091

Same Dimension

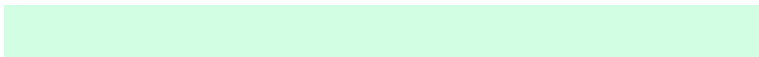
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4179, 90.6205, 74.4907



72.1995, 89.0813, 68.9254



76.2388, 90.7819, 86.3595



17.9589, 20.2647, 19.1093



18.9999, 37.5329, 6.2432



1.9080, 3.6844, 0.6106

Inverse Universe

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



80.5217, 73.6383, 104.5774



78.1266, 69.3524, 103.8764



79.6831, 73.5126, 90.6867



18.5822, 18.1919, 22.7819



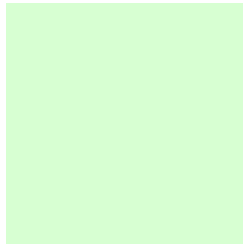
26.0095, 12.3189, 50.4415



2.5867, 1.2274, 4.9139

Previews

White Background



This preview shows how the XYZ color 75.4172, 90.6202, 74.4893 looks on a white background.

Color Contrast Check

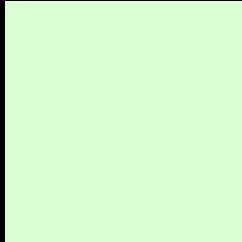
Large Text (above 18pt) WCAG AA × Fail

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 75.4172, 90.6202, 74.4893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

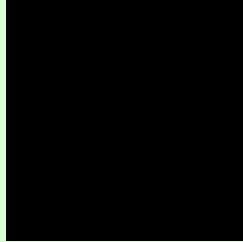
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

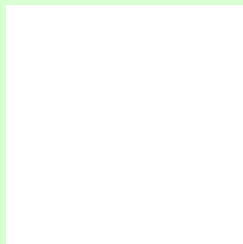
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4172, 90.6202, 74.4893

Background



This preview shows how black text looks on a background with the XYZ color 75.4172, 90.6202, 74.4893.



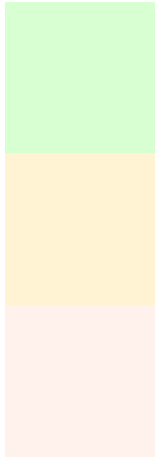
This preview shows how white text looks on a background with the XYZ color 75.4172, 90.6202,

74.4893.

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

75.4172, 90.6202, 74.4893

Protanopia

85.0485, 90.0643, 74.5296

Deuteranopia

87.6907, 90.1688, 91.3798



Tritanopia

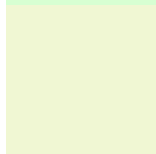
84.9634, 90.1870, 107.5375

Trichromacy



Original Color

75.4172, 90.6202, 74.4893



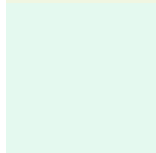
Protanomaly

80.9538, 89.7499, 74.6848



Deuteranomaly

82.6184, 89.9278, 84.9548



Tritanomaly

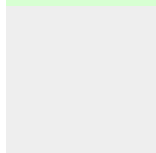
81.4506, 90.4773, 94.8323

Monochromacy



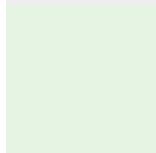
Original Color

75.4172, 90.6202, 74.4893



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.9874, 87.1258, 86.0527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4172, 90.6202, 74.4893 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(215, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 210)  
}
```

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(215, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 75.4172, 90.6202, 74.4893 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(215, 255, 210) }
```


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

```
.border{ border-color:rgb(215, 255, 210) }
```

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

Here you see how a box with a 4 pixel rgb(215, 255, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4172, 90.6202, 74.4893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 210) }
```

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

```
.background{ background-color: rgb(215,  
255, 210) }
```

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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