

Converting Colors

XYZ(75.0574, 87.6673, 72.7054)

Have a look what the booklet for
XYZ(75.0574, 87.6673, 72.7054)
contains.

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Color

**XYZ(75.0796, 87.6776,
72.6409)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF9D0
RGB	221, 249, 208
RGB Percent	87%, 98%, 82%
CMY	0.1333, 0.0235, 0.1843
CMYK	0.11, 0.00, 0.16, 0.02
HSL	101°, 77%, 90%
HSV	101°, 16%, 98%
XYZ	75.0796, 87.6776, 72.6409
YIQ	235.9540, -3.5270, -18.6870

Conversions

Conversions Part 2

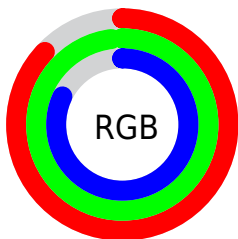
Format	Color
RYB	208, 249, 236
Decimal	14547408
CIELab	95.03, -16.35, 16.66
CIELCh	95, 23.349, 134.463
Yxy	87.6776, 0.3189, 0.3725
Android (android.graphics.Color)	4292737488 (0xFFDDDF9D0)
YUV	235.9540, -13.7813, -13.1147
Hunter-Lab	93.6363, -20.7384, 19.5496

Details

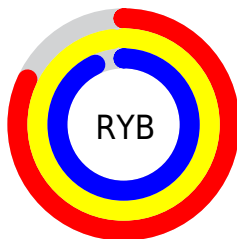
The XYZ color **75.0796, 87.6776, 72.6409** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.2505, 69.7867, 99.1840**, and the grayscale version is **79.7997, 83.9555, 91.4276**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6286, 48.5800, 37.8074** is the 20% darker color. If you saturate the color by 10%, you get **67.3355, 84.0146, 57.5226**, and if you desaturate by 10%, it is **83.8340, 91.8110, 90.3207**.

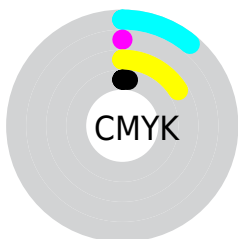
Distribution



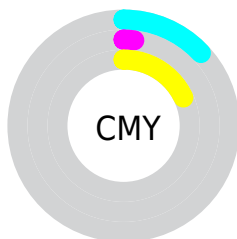
- Red (87%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0796, 87.6776, 72.6409 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 75.0796, 87.6776, 72.6409 by changing the saturation by 10% instead.

75.0796, 87.6776,
72.6409

75.0796, 87.6776,
72.6409

467.1841,
520.4469, 488.8067

55.9725, 66.0561,
53.1923

125.4123,
144.1082, 124.6835

40.4178, 48.3179,
37.5676

157.3687,
179.6861, 158.1146

28.0501, 34.0787,
25.3480

194.3389,
220.6850, 197.0436

18.5041, 22.9541,
16.1152

236.6882,
267.4891, 241.8891

11.4144, 14.5596,
9.4504

284.7820,
320.4830, 293.0696

6.4156, 8.5109,
4.9353

338.9857,

3.1424, 4.4236,

380.0510, 351.0037

2.1513

399.6646,
446.5775, 416.1099

■ 1.2295, 1.9132,
0.6461

■ 0.1295, 0.5563,
0.0000

■ 75.0796, 87.6776,
72.6409

■ 75.0796, 87.6776,
72.6409

■ 67.3355, 84.0146,
57.5226

■ 83.8340, 91.8110,
90.3207

■ 60.5568, 80.7937,
44.8416

■ 93.1675, 96.2349,
108.2725

■ 54.7053, 78.0006,
34.4716

■ 49.7376, 75.6159,
26.2731

■ 45.6062, 73.6187,
20.0912

■ 42.2589, 71.9857,
15.7507

■ 39.6361, 70.6908,
13.0463

■ 37.6672, 69.7030,
11.7214

■ 37.0968, 69.4146,
11.4431

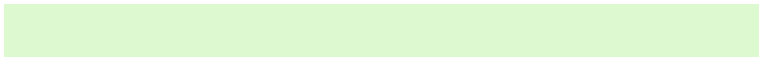
Harmonies

Analogous

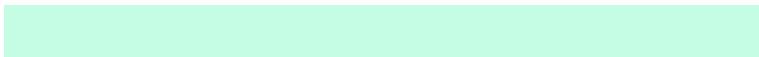
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3255, 87.6776, 65.4771



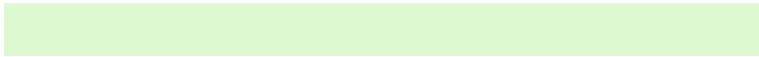
75.0796, 87.6776, 72.6409



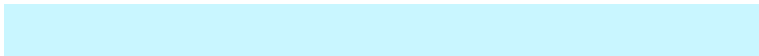
72.1265, 87.6776, 86.4108

Triad

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



75.0796, 87.6776, 72.6409



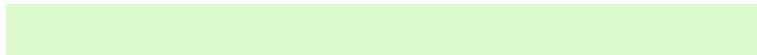
80.1100, 87.6776, 133.2338



95.7132, 87.6776, 87.0043

Complementary

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



75.0796, 87.6776, 72.6409



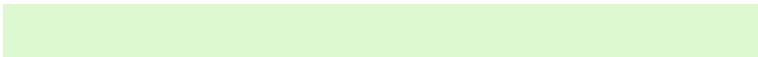
74.2505, 69.7867, 99.1840

Split Complementary

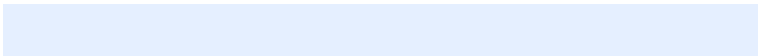
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6482, 87.6776, 105.1327



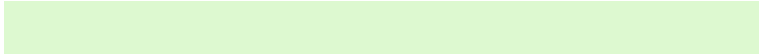
75.0796, 87.6776, 72.6409



86.4186, 87.6776, 133.4457

Square

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



75.0796, 87.6776, 72.6409



74.9288, 87.6776, 122.0855



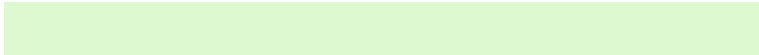
92.1742, 87.6776, 122.6322



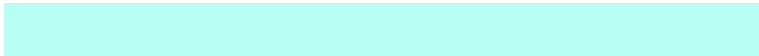
92.3474, 87.6776, 73.0277

Rectangle

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



75.0796, 87.6776, 72.6409



71.7559, 87.6776, 98.2101



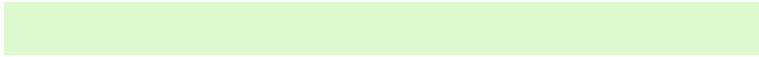
92.1742, 87.6776, 122.6322



96.0970, 87.6776, 92.7735

Sweetspot

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



75.0820, 87.6814, 72.6428



89.9331, 97.5915, 98.2985



80.2595, 84.3053, 71.7183



19.1002, 20.8183, 20.7333



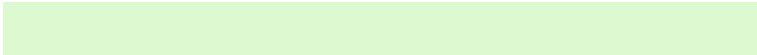
0.0000, 0.0000, 0.0000



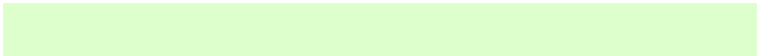
20.3446, 21.4041, 23.3091

Same Dimension

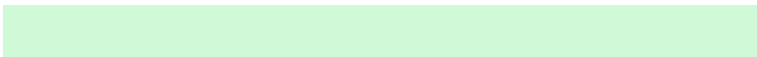
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0820, 87.6814, 72.6428



76.2251, 91.1215, 70.6975



72.1351, 86.0630, 76.9895



17.5352, 19.5762, 18.3168



19.9858, 37.2213, 6.1311



1.9559, 3.5014, 0.5728

Inverse Universe

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



74.2505, 69.7867, 99.1840



75.1828, 68.7273, 103.9109



77.6782, 71.6747, 93.8803



17.4266, 17.2325, 21.7930



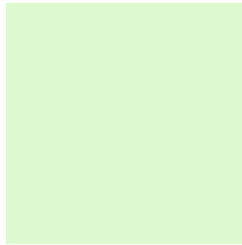
18.1877, 8.3188, 48.6206



1.7943, 0.8271, 4.5082

Previews

White Background



This preview shows how the XYZ color 75.0796, 87.6776, 72.6409 looks on a white background.

Color Contrast Check

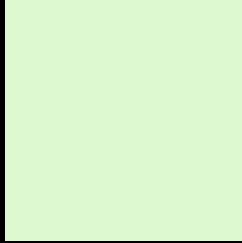
Large Text (above 18pt) WCAG AA × Fail

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 75.0796, 87.6776, 72.6409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

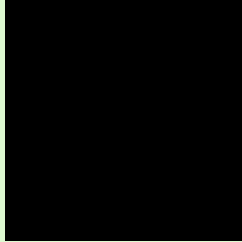
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

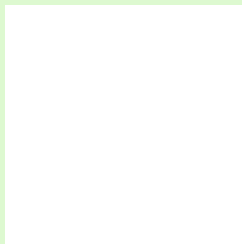
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0796, 87.6776, 72.6409

Background



This preview shows how black text looks on a background with the XYZ color 75.0796, 87.6776, 72.6409.



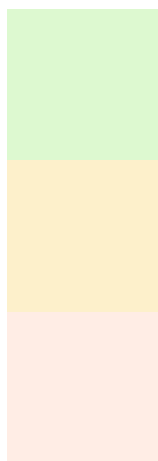
This preview shows how white text looks on a background with the XYZ color 75.0796, 87.6776,

72.6409.

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

75.0796, 87.6776, 72.6409

Protanopia

82.4476, 87.5146, 69.0465

Deuteranopia

85.6670, 87.4855, 86.5000



Tritanopia

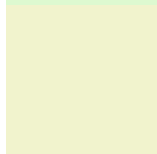
83.1096, 87.4542, 107.1078

Trichromacy



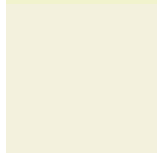
Original Color

75.0796, 87.6776, 72.6409



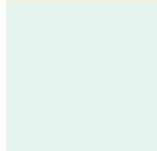
Protanomaly

79.3457, 87.2097, 70.4088



Deuteranomaly

81.4686, 87.1857, 80.9413



Tritanomaly

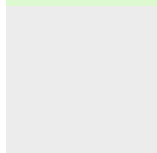
80.0964, 87.5324, 93.5628

Monochromacy



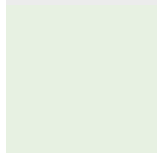
Original Color

75.0796, 87.6776, 72.6409



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

78.1378, 85.3905, 84.3152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0796, 87.6776, 72.6409 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(221, 249, 208)` looks like.

```
.text, #text, p{  
    color:rgb(221, 249, 208)  
}
```

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(221, 249, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 249, 208) }
```

Border

The CSS property to change the border of an element to XYZ 75.0796, 87.6776, 72.6409 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(221, 249, 208) }
```


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

```
.border{ border-color:rgb(221, 249, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 249, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 249, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 249, 208);  
box-shadow:4px 4px 4px 4px rgb(221, 249,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0796, 87.6776, 72.6409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 249, 208) }
```

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

```
.background{ background-color: rgb(221,  
249, 208) }
```

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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