

Converting Colors

XYZ(78.6031, 92.0996, 82.0404)

Have a look what the booklet for
XYZ(78.6031, 92.0996, 82.0404)
contains.

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Color

**XYZ(78.6299, 92.1126,
82.0419)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFFDD
RGB	221, 255, 221
RGB Percent	87%, 100%, 87%
CMY	0.1333, 0.0000, 0.1333
CMYK	0.13, 0.00, 0.13, 0.00
HSL	120°, 100%, 93%
HSV	120°, 13%, 100%
XYZ	78.6299, 92.1126, 82.0419
YIQ	240.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

Format	Color
R _Y B	221, 255, 255
Decimal	14548957
CIE Lab	96.87, -17.12, 12.60
CIE LCh	97, 21.257, 143.636
Yxy	92.1126, 0.3111, 0.3644
Android (android.graphics.Color)	4292739037 (0xFFDDFFDD)
YUV	240.9580, -9.8393, -17.5032
Hunter-Lab	95.9753, -21.7167, 16.5003

Details

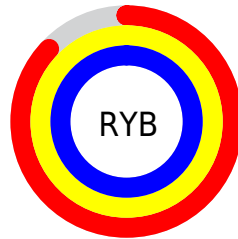
The XYZ color **78.6299, 92.1126, 82.0419** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85.1467, 80.1935, 105.5983**, and the grayscale version is **83.6558, 88.0124, 95.8455**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8029, 51.2483, 43.7124** is the 20% darker color. If you saturate the color by 10%, you get **68.3027, 87.1519, 65.1502**, and if you desaturate by 10%, it is **90.6538, 97.8883, 101.7092**.

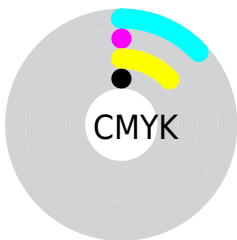
Distribution



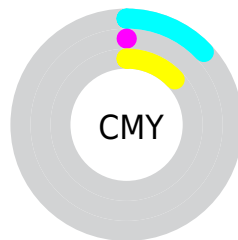
- Red (87%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.6299, 92.1126, 82.0419 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 78.6299, 92.1126, 82.0419 by changing the saturation by 10% instead.

78.6299, 92.1126,
82.0419

78.6299, 92.1126,
82.0419

479.1106,
534.8794, 521.6750

58.8961, 69.7342,
60.8641

130.3984,
150.2694, 138.0700

42.7756, 51.3098,
43.6856

163.1638,
186.8166, 173.7573

29.9028, 36.4552,
30.0881

201.0039,
228.8555, 215.1181

19.9125, 24.7860,
19.6528

244.2839,
276.7705, 262.5711

12.4394, 15.9177,
11.9614

293.3692,
330.9460, 316.5348

7.1180, 9.4659,
6.5952

348.6252,

3.5830, 5.0463,

391.7664, 377.4276

3.1356

410.4172,
459.6160, 445.6681

■ 1.4690, 2.2745,
1.1643

■ 0.3046, 0.7601,
0.0000

■ 78.6299, 92.1126,
82.0419

■ 78.6299, 92.1126,
82.0419

■ 68.3027, 87.1519,
65.1502

■ 90.6538, 97.8883,
101.7092

■ 59.5938, 82.9686,
50.9054

95.0500, 100.0000,
108.9000

■ 52.4220, 79.5236,
39.1745

■ 46.6980, 76.7740,
29.8117

■ 42.3233, 74.6727,
22.6561

■ 39.1875, 73.1664,
17.5268

■ 37.1625, 72.1937,
14.2144

■ 36.0924, 71.6797,
12.4639

■ 35.7600, 71.5200,
11.9202

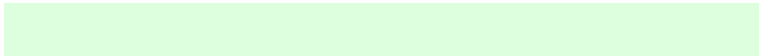
Harmonies

Analogous

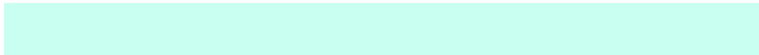
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0292, 92.1126, 73.0968



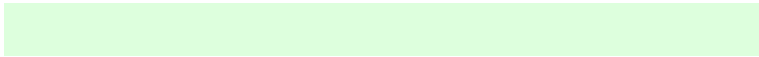
78.6299, 92.1126, 82.0419



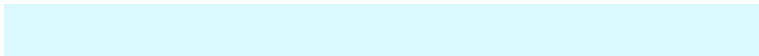
76.6325, 92.1126, 96.6956

Triad

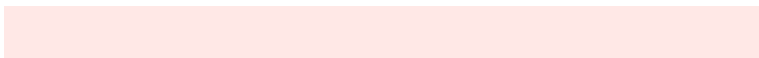
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.6299, 92.1126, 82.0419



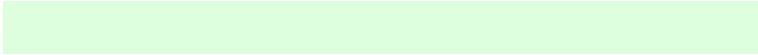
86.2843, 92.1126, 136.6353



98.4906, 92.1126, 87.6860

Complementary

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



78.6299, 92.1126, 82.0419



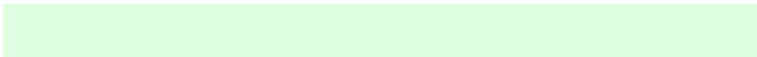
85.1467, 80.1935, 105.5983

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.



99.4587, 92.1126, 103.9826



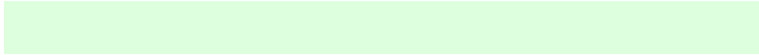
78.6299, 92.1126, 82.0419



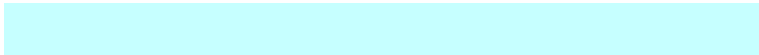
92.2326, 92.1126, 133.5198

Square

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



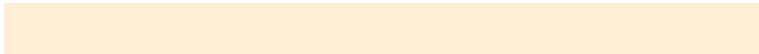
78.6299, 92.1126, 82.0419



80.9204, 92.1126, 129.1591



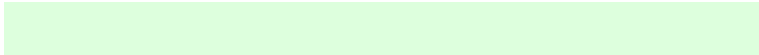
97.1210, 92.1126, 121.0725



94.5327, 92.1126, 76.0873

Rectangle

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



78.6299, 92.1126, 82.0419



76.8640, 92.1126, 108.2449



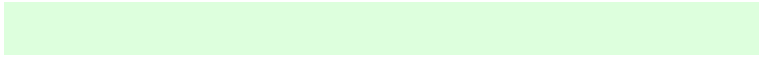
97.1210, 92.1126, 121.0725



99.1837, 92.1126, 92.7441

Sweetspot

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



78.6306, 92.1129, 82.0433



89.7974, 97.4769, 100.3085



90.0513, 98.0005, 82.5773



19.0157, 20.7658, 21.1354



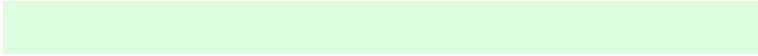
0.0000, 0.0000, 0.0000



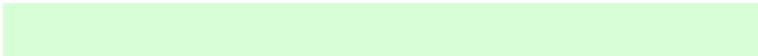
20.3446, 21.4041, 23.3091

Same Dimension

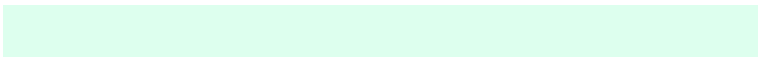
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6306, 92.1129, 82.0433



75.7132, 90.7116, 77.2715



81.0119, 93.0654, 94.5831



17.7717, 20.1682, 19.1006



18.6854, 37.3708, 6.2286



1.8193, 3.6387, 0.6065

Inverse Universe

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



85.1467, 80.1935, 105.5983



83.3871, 76.6744, 105.0117



82.5295, 79.1467, 91.8165



18.7927, 18.3004, 22.7917



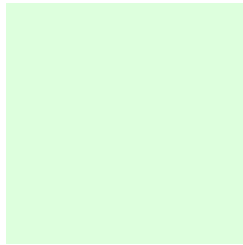
30.9799, 14.8812, 50.6718



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 78.6299, 92.1126, 82.0419 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 78.6299, 92.1126, 82.0419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

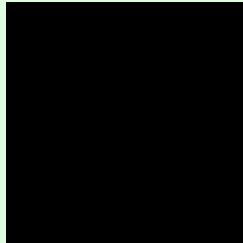
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

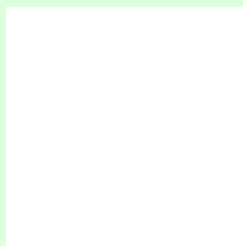
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.6299, 92.1126, 82.0419

Background



This preview shows how black text looks on a background with the XYZ color 78.6299, 92.1126, 82.0419.



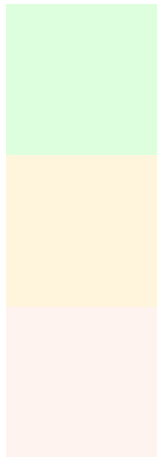
This preview shows how white text looks on a background with the XYZ color 78.6299, 92.1126,

82.0419.

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

78.6299, 92.1126, 82.0419

Protanopia

86.9436, 91.7853, 81.5405

Deuteranopia

89.0188, 91.6525, 95.4370



Tritanopia

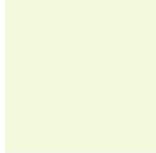
86.9074, 92.0923, 107.8028

Trichromacy



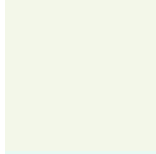
Original Color

78.6299, 92.1126, 82.0419



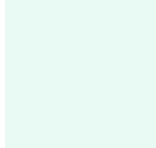
Protanomaly

83.8890, 92.0265, 81.7481



Deuteranomaly

84.9309, 91.4594, 90.2679



Tritanomaly

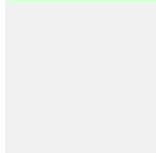
83.6420, 91.9981, 98.1430

Monochromacy



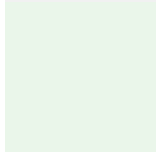
Original Color

78.6299, 92.1126, 82.0419



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.7387, 89.3445, 90.7790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6299, 92.1126, 82.0419 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, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 221)  
}
```

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, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 221) }
```

Border

The CSS property to change the border of an element to XYZ 78.6299, 92.1126, 82.0419 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, 255, 221) }
```


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

```
.border{ border-color:rgb(221, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6299, 92.1126, 82.0419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 221) }
```

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

```
.background{ background-color: rgb(221,  
255, 221) }
```

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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