

Converting Colors

XYZ(76.2492, 88.8682, 78.9412)

Have a look what the booklet for
XYZ(76.2492, 88.8682, 78.9412)
contains.

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Color

**XYZ(76.2350, 89.0642,
78.8187)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFBD9
RGB	219, 251, 217
RGB Percent	86%, 98%, 85%
CMY	0.1412, 0.0157, 0.1490
CMYK	0.13, 0.00, 0.14, 0.02
HSL	116°, 81%, 92%
HSV	116°, 14%, 98%
XYZ	76.2350, 89.0642, 78.8187
YIQ	237.5560, -8.1580, -17.3580

Conversions

Conversions Part 2

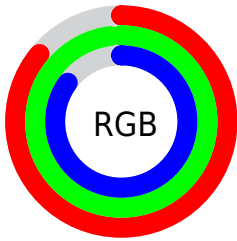
Format	Color
R _Y B	217, 251, 249
Decimal	14416857
CIE Lab	95.61, -16.51, 12.85
CIE LCh	96, 20.917, 142.102
Yxy	89.0642, 0.3123, 0.3648
Android (android.graphics.Color)	4292606937 (0xFFDBFBD9)
YUV	237.5560, -10.1341, -16.2736
Hunter-Lab	94.3738, -20.9622, 16.5441

Details

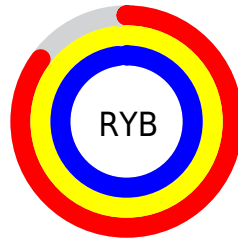
The XYZ color **76.2350, 89.0642, 78.8187** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.2959, 76.7329, 101.7976**, and the grayscale version is **81.0072, 85.2259, 92.8110**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1232, 49.0847, 41.4893** is the 20% darker color. If you saturate the color by 10%, you get **66.6056, 84.4516, 62.6022**, and if you desaturate by 10%, it is **87.3745, 94.4030, 97.7016**.

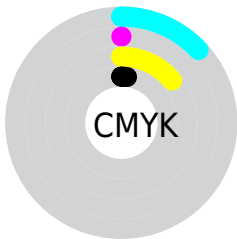
Distribution



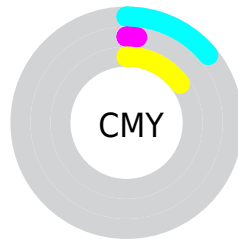
- Red (86%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2350, 89.0642, 78.8187 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 76.2350, 89.0642, 78.8187 by changing the saturation by 10% instead.

76.2350, 89.0642,
78.8187

76.2350, 89.0642,
78.8187

471.0838,
524.9820, 510.5442

56.9230, 67.2048,
58.2263

127.0376,
146.0378, 133.4999

41.1833, 49.2510,
41.5747

159.2589,
181.9208, 168.4259

28.6506, 34.8187,
28.4454

196.5140,
223.2471, 208.9668

18.9596, 23.5232,
18.4197

239.1682,
270.4011, 255.5411

11.7450, 14.9803,
11.0792

287.5870,
323.7672, 308.5675

6.6412, 8.8056,
6.0053

342.1356,

3.2831, 4.6146,

383.7298, 368.4645

2.7794

403.1794,
450.6733, 435.6505

■ 1.3052, 2.0230,
0.9831

■ 0.1871, 0.6208,
0.0000

■ 76.2350, 89.0642,
78.8187

■ 76.2350, 89.0642,
78.8187

■ 66.6056, 84.4516,
62.6022

■ 87.3745, 94.4030,
97.7016

■ 58.4145, 80.5232,
48.9265

■ 93.7889, 97.4779,
108.4796

■ 51.5948, 77.2497,
37.6647

■ 46.0714, 74.5955,
28.6766

■ 41.7621, 72.5215,
21.8078

■ 38.5752, 70.9843,
16.8843

■ 36.4059, 69.9341,
13.7050

■ 35.1295, 69.3120,
12.0250

■ 34.6920, 69.0974,
11.5087

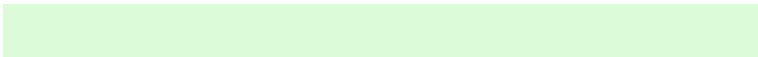
Harmonies

Analogous

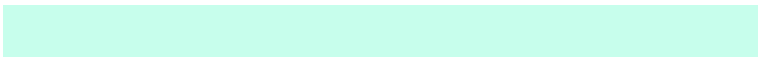
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5658, 89.0642, 70.5276



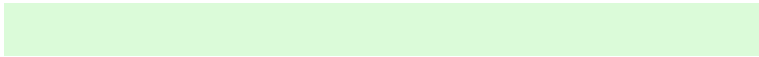
76.2350, 89.0642, 78.8187



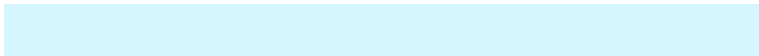
74.1798, 89.0642, 92.6949

Triad

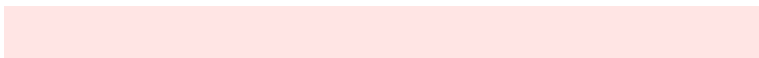
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2350, 89.0642, 78.8187



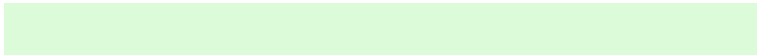
83.1446, 89.0642, 131.7933



95.3012, 89.0642, 85.5572

Complementary

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



76.2350, 89.0642, 78.8187



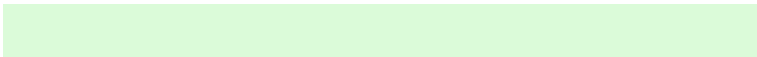
81.2959, 76.7329, 101.7976

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.



96.0680, 89.0642, 101.3865



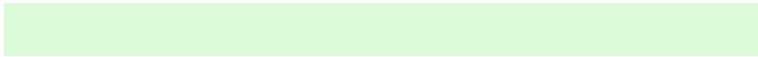
76.2350, 89.0642, 78.8187



88.8758, 89.0642, 129.3257

Square

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



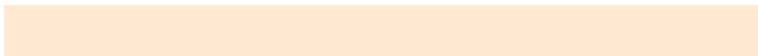
76.2350, 89.0642, 78.8187



78.0497, 89.0642, 124.1320



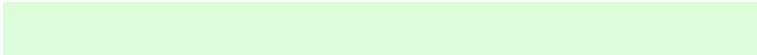
93.6686, 89.0642, 117.7269



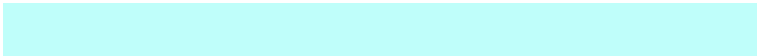
91.6183, 89.0642, 74.1006

Rectangle

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



76.2350, 89.0642, 78.8187



74.3086, 89.0642, 103.7580



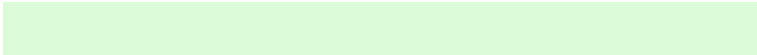
93.6686, 89.0642, 117.7269



95.9151, 89.0642, 90.4958

Sweetspot

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



76.2374, 89.0680, 78.8207



90.0067, 97.5848, 100.3181



86.1053, 93.1100, 79.0808



19.0684, 20.7929, 21.1378



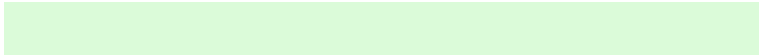
0.0000, 0.0000, 0.0000



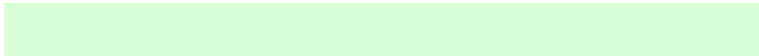
20.3446, 21.4041, 23.3091

Same Dimension

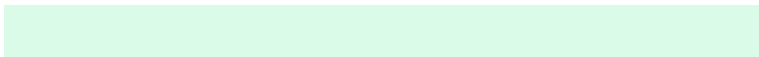
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2374, 89.0680, 78.8207



76.4194, 91.0756, 77.3040



77.6429, 89.5611, 89.3429



17.1118, 19.3579, 18.2970



18.2724, 36.3381, 6.0509



1.7245, 3.3821, 0.5619

Inverse Universe

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



81.2959, 76.7329, 101.7976



82.5100, 76.2222, 104.9714



79.7787, 76.2088, 90.0682



17.8863, 17.4695, 21.8145



27.4221, 13.0793, 49.0528



2.5695, 1.2267, 4.5445

Previews

White Background



This preview shows how the XYZ color 76.2350, 89.0642, 78.8187 looks on a white background.

Color Contrast Check

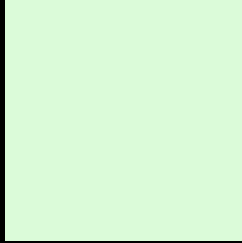
Large Text (above 18pt) WCAG AA × Fail

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 76.2350, 89.0642, 78.8187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

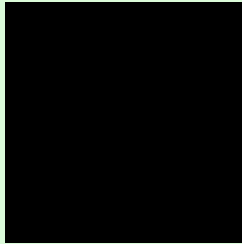
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

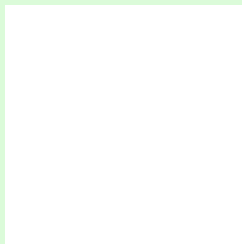
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2350, 89.0642, 78.8187

Background



This preview shows how black text looks on a background with the XYZ color 76.2350, 89.0642, 78.8187.



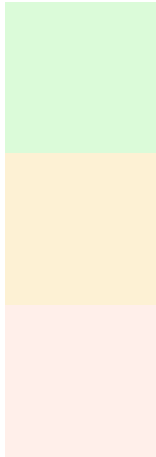
This preview shows how white text looks on a background with the XYZ color 76.2350, 89.0642,

78.8187.

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

76.2350, 89.0642, 78.8187

Protanopia

83.8470, 88.5467, 74.9594

Deuteranopia

86.9578, 88.9335, 90.4246



Tritanopia

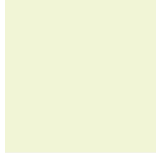
83.7049, 88.6448, 107.3062

Trichromacy



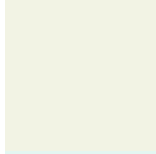
Original Color

76.2350, 89.0642, 78.8187



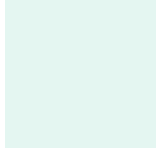
Protanomaly

81.0656, 88.8606, 76.4975



Deuteranomaly

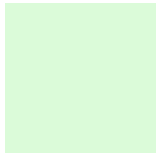
82.6721, 88.5799, 86.1391



Tritanomaly

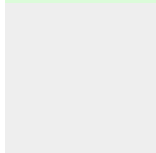
80.8279, 88.7564, 96.0907

Monochromacy



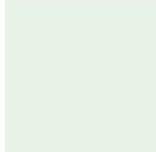
Original Color

76.2350, 89.0642, 78.8187



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.2885, 86.8033, 87.4387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2350, 89.0642, 78.8187 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, 251, 217)` looks like.

```
.text, #text, p{  
    color:rgb(219, 251, 217)  
}
```

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, 251, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 251, 217) }
```

Border

The CSS property to change the border of an element to XYZ 76.2350, 89.0642, 78.8187 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, 251, 217) }
```


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

```
.border{ border-color:rgb(219, 251, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 251, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 251, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 251, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 251,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2350, 89.0642, 78.8187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 251, 217) }
```

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

```
.background{ background-color: rgb(219,  
251, 217) }
```

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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