

Converting Colors

XYZ(78.7258, 92.1457, 82.7830)

Have a look what the booklet for
XYZ(78.7258, 92.1457, 82.7830)
contains.

XYZ(78.7636, 92.1661, 82.7458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.7636, 92.1661,
82.7458)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFFDE
RGB	221, 255, 222
RGB Percent	87%, 100%, 87%
CMY	0.1333, 0.0000, 0.1294
CMYK	0.13, 0.00, 0.13, 0.00
HSL	122°, 100%, 93%
HSV	122°, 13%, 100%
XYZ	78.7636, 92.1661, 82.7458
YIQ	241.0720, -9.6710, -17.4710

Conversions

Conversions Part 2

Format	Color
R _Y B	221, 254, 255
Decimal	14548958
CIE Lab	96.89, -16.95, 12.12
CIE LCh	97, 20.836, 144.422
Yxy	92.1661, 0.3105, 0.3633
Android (android.graphics.Color)	4292739038 (0xFFDDFFDE)
YUV	241.0720, -9.4025, -17.6031
Hunter-Lab	96.0032, -21.5593, 16.0998

Details

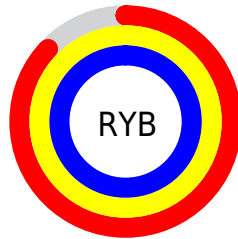
The XYZ color **78.7636, 92.1661, 82.7458** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84.9861, 80.1294, 104.7527**, and the grayscale version is **83.7424, 88.1036, 95.9448**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8950, 51.2852, 44.1974** is the 20% darker color. If you saturate the color by 10%, you get **68.5025, 87.2318, 66.2021**, and if you desaturate by 10%, it is **90.6923, 97.9037, 101.9121**.

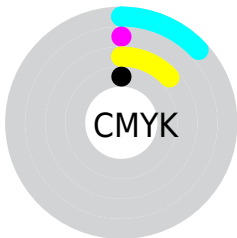
Distribution



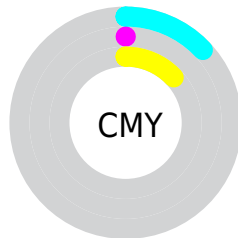
- Red (87%)
- Green (100%)
- Blue (87%)



- 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 78.7636, 92.1661, 82.7458 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 78.7636, 92.1661, 82.7458 by changing the saturation by 10% instead.

78.7636, 92.1661,
82.7458

78.7636, 92.1661,
82.7458

479.5565,
535.0522, 524.0877

59.0064, 69.7786,
61.4411

130.5857,
150.3436, 139.0654

42.8647, 51.3461,
44.1484

163.3813,
186.9023, 174.9174

29.9730, 36.4841,
30.4491

201.2538,
228.9537, 216.4556

19.9661, 24.8083,
19.9248

244.5685,
276.8819, 264.0984

12.4785, 15.9343,
12.1568

293.6907,
331.0715, 318.2645

7.1450, 9.4777,
6.7268

348.9859,

3.6001, 5.0540,

391.9068, 379.3724

3.2160

410.8194,
459.7722, 447.8406

■ 1.4785, 2.2790,
1.2059

■ 0.3111, 0.7626,
0.0000

■ 78.7636, 92.1661,
82.7458

■ 78.7636, 92.1661,
82.7458

■ 68.5025, 87.2318,
66.2021

■ 90.6923, 97.9037,
101.9121

■ 59.8327, 83.0641,
52.1629

95.0500, 100.0000,
108.9000

■ 52.6752, 79.6249,
40.5076

■ 46.9433, 76.8722,
31.1038

■ 42.5418, 74.7601,
23.8063

■ 39.3634, 73.2368,
18.4529

■ 37.2847, 72.2426,
14.8578

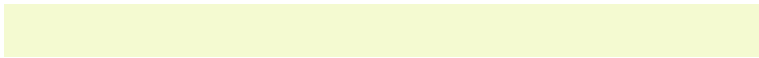
■ 36.1561, 71.7052,
12.7993

■ 35.8011, 71.5364,
12.1365

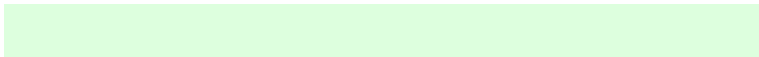
Harmonies

Analogous

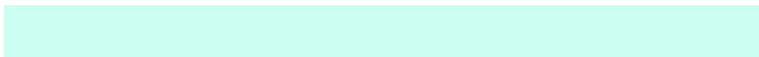
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0303, 92.1661, 73.7756



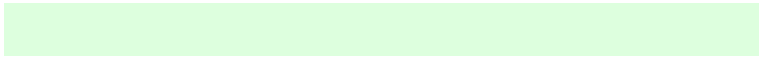
78.7636, 92.1661, 82.7458



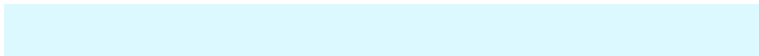
76.8716, 92.1661, 97.2529

Triad

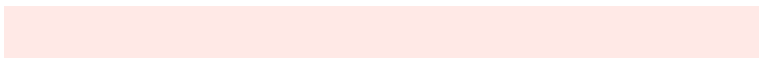
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7636, 92.1661, 82.7458



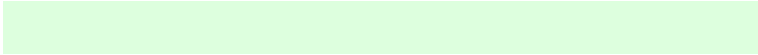
86.5118, 92.1661, 135.9681



98.2522, 92.1661, 87.6093

Complementary

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



78.7636, 92.1661, 82.7458



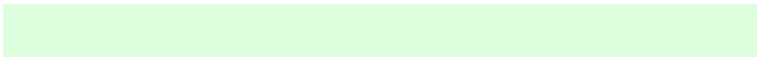
84.9861, 80.1294, 104.7527

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.



99.2852, 92.1661, 103.5187



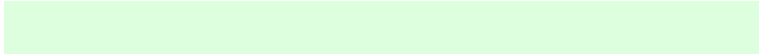
78.7636, 92.1661, 82.7458



92.3367, 92.1661, 132.6515

Square

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



78.7636, 92.1661, 82.7458



81.2155, 92.1661, 128.9139



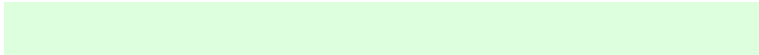
97.0761, 92.1661, 120.2964



94.3129, 92.1661, 76.3569

Rectangle

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



78.7636, 92.1661, 82.7458



77.1481, 92.1661, 108.5959



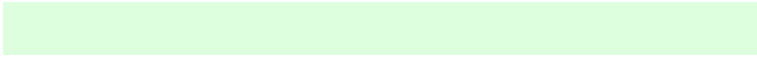
97.0761, 92.1661, 120.2964



98.9580, 92.1661, 92.5385

Sweetspot

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



78.7643, 92.1664, 82.7472



89.8432, 97.4952, 100.5496



89.8432, 97.8932, 82.5676



19.0272, 20.7704, 21.1961



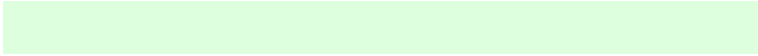
0.0000, 0.0000, 0.0000



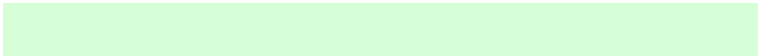
20.3446, 21.4041, 23.3091

Same Dimension

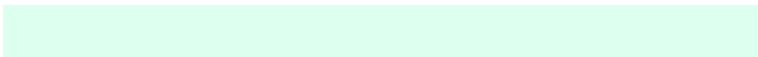
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7643, 92.1664, 82.7472



75.8673, 90.7732, 78.0827



81.0953, 93.0988, 95.0223



17.7932, 20.1768, 19.2142



18.7162, 37.3831, 6.3908



1.8296, 3.6428, 0.6606

Inverse Universe

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



84.9861, 80.1294, 104.7527



83.1945, 76.5973, 103.9974



82.4464, 79.1135, 91.3787



18.7682, 18.2906, 22.6626



30.3715, 14.6379, 47.4682



2.9642, 1.4280, 4.6587

Previews

White Background



This preview shows how the XYZ color 78.7636, 92.1661, 82.7458 looks on a white background.

Color Contrast Check

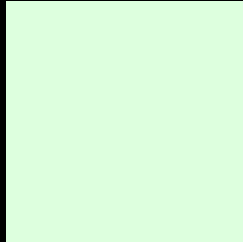
Large Text (above 18pt) WCAG AA × Fail

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 78.7636, 92.1661, 82.7458 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

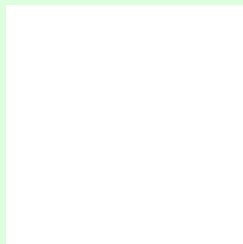
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.7636, 92.1661, 82.7458

Background



This preview shows how black text looks on a background with the XYZ color 78.7636, 92.1661, 82.7458.



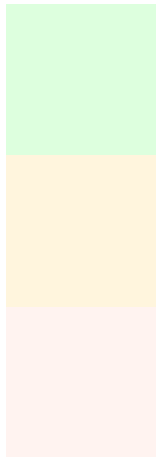
This preview shows how white text looks on a background with the XYZ color 78.7636, 92.1661,

82.7458.

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

78.7636, 92.1661, 82.7458

Protanopia

86.9436, 91.7853, 81.5405

Deuteranopia

89.0188, 91.6525, 95.4370

Tritanopia

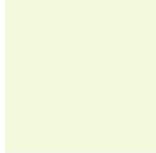
86.9074, 92.0923, 107.8028

Trichromacy



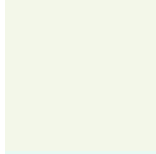
Original Color

78.7636, 92.1661, 82.7458



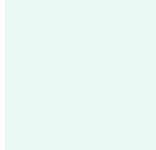
Protanomaly

83.8890, 92.0265, 81.7481



Deuteranomaly

84.9309, 91.4594, 90.2679



Tritanomaly

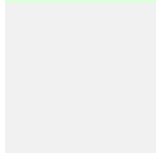
83.6420, 91.9981, 98.1430

Monochromacy



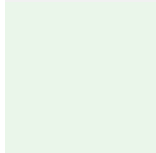
Original Color

78.7636, 92.1661, 82.7458



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 78.7636, 92.1661, 82.7458 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 222) }
```

Border

The CSS property to change the border of an element to XYZ 78.7636, 92.1661, 82.7458 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, 222) }
```


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

```
.border{ border-color:rgb(221, 255, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7636, 92.1661, 82.7458 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, 222) }
```

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

```
.background{ background-color: rgb(221,  
255, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor