

Converting Colors

XYZ(79.1988, 92.1140, 86.7341)

Have a look what the booklet for
XYZ(79.1988, 92.1140, 86.7341)
contains.

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Color

**XYZ(79.2788, 92.3371,
87.0432)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFFE4
RGB	220, 255, 228
RGB Percent	86%, 100%, 89%
CMY	0.1372, 0.0000, 0.1059
CMYK	0.14, 0.00, 0.11, 0.00
HSL	134°, 100%, 93%
HSV	134°, 14%, 100%
XYZ	79.2788, 92.3371, 87.0432
YIQ	241.4570, -12.1930, -15.8170

Conversions

Conversions Part 2

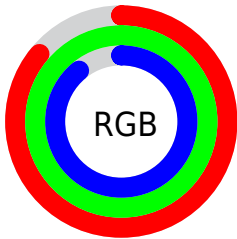
Format	Color
R _Y B	220, 248, 255
Decimal	14483428
CIE _{Lab}	96.96, -16.23, 9.14
CIE _{LCh}	97, 18.621, 150.616
Y _{xy}	92.3371, 0.3065, 0.3570
Android (android.graphics.Color)	4292673508 (0xFFDCFFE4)
YUV	241.4570, -6.6343, -18.8178
Hunter-Lab	96.0922, -20.8938, 13.5579

Details

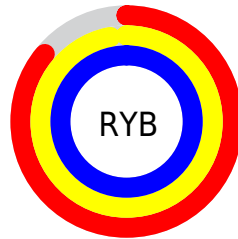
The XYZ color **79.2788, 92.3371, 87.0432** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83.6221, 79.1626, 98.8680**, and the grayscale version is **84.0263, 88.4022, 96.2700**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2540, 51.4046, 47.1775** is the 20% darker color. If you saturate the color by 10%, you get **69.5631, 87.6262, 73.1355**, and if you desaturate by 10%, it is **90.4840, 97.7798, 102.6455**.

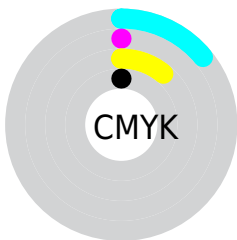
Distribution



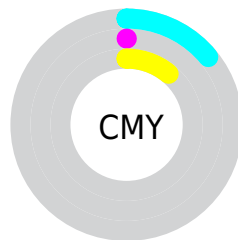
- Red (86%)
- Green (100%)
- Blue (89%)



- Red (86%)
- Yellow (97%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




- Cyan (14%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2788, 92.3371, 87.0432 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 79.2788, 92.3371, 87.0432 by changing the saturation by 10% instead.

 79.2788, 92.3371,
87.0432

 79.2788, 92.3371,
87.0432


481.2726,
535.6044, 538.6847

 59.4315, 69.9207,
64.9711


131.3071,
150.5805, 145.1238

 43.2083, 51.4618,
46.9865


164.2189,
187.1763, 181.9693

 30.2438, 36.5763,
32.6707


202.2161,
229.2673, 224.5764

 20.1727, 24.8796,
21.6052

245.6643,
277.2379, 273.3637

 12.6296, 15.9874,
13.3716

294.9286,
331.4725, 328.7496

 7.2492, 9.5152,
7.5512

350.3746,

 3.6662, 5.0787,

392.3555, 391.1527

3.7255

412.3675,
460.2713, 460.9916

■ 1.5151, 2.2935,
1.4760

■ 0.3360, 0.7703,
0.2000

■ 79.2788, 92.3371,
87.0432

■ 79.2788, 92.3371,
87.0432

■ 69.5631, 87.6262,
73.1355

■ 90.4840, 97.7798,
102.6455

■ 61.2710, 83.6146,
60.8608

95.0500, 100.0000,
108.9000

■ 54.3352, 80.2687,
50.1604

■ 48.6817, 77.5518,
40.9704

■ 44.2295, 75.4235,
33.2222

■ 40.8880, 73.8386,
26.8424

■ 38.5531, 72.7452,
21.7504

■ 37.0993, 72.0804,
17.8575

■ 36.5311, 71.8285,
15.9808

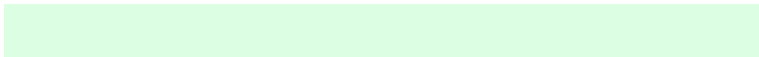
Harmonies

Analogous

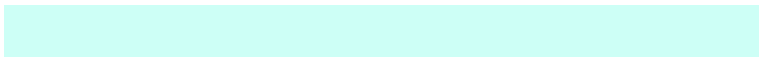
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7347, 92.3371, 77.7075



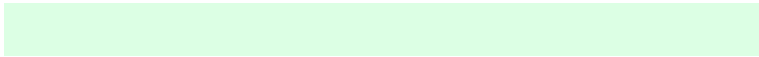
79.2788, 92.3371, 87.0432



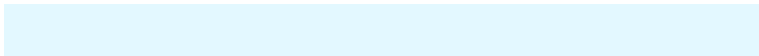
78.0750, 92.3371, 100.8498

Triad

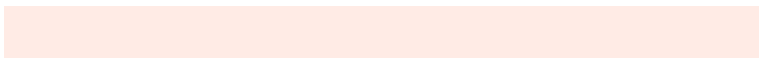
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2788, 92.3371, 87.0432



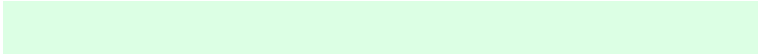
87.8720, 92.3371, 132.2205



96.7177, 92.3371, 86.5562

Complementary

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



79.2788, 92.3371, 87.0432



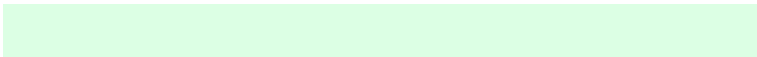
83.6221, 79.1626, 98.8680

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.



98.2224, 92.3371, 100.2296



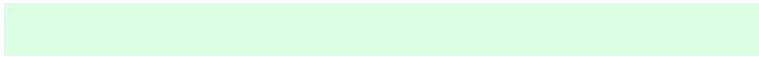
79.2788, 92.3371, 87.0432



92.9923, 92.3371, 127.4554

Square

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



79.2788, 92.3371, 87.0432



82.9151, 92.3371, 127.8190



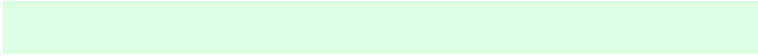
96.8333, 92.3371, 115.3632



92.7976, 92.3371, 77.4467

Rectangle

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



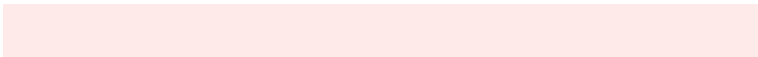
79.2788, 92.3371, 87.0432



78.6724, 92.3371, 111.0391



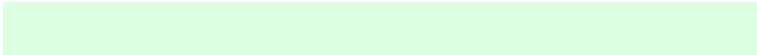
96.8333, 92.3371, 115.3632



97.5296, 92.3371, 90.7234

Sweetspot

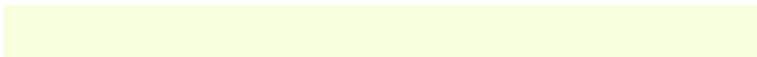
The Sweet Spot groups the original color and five complimentary colors.



79.2796, 92.3374, 87.0446



90.1553, 97.6201, 102.1931



87.1835, 96.5375, 81.7498



19.1058, 20.8018, 21.6102



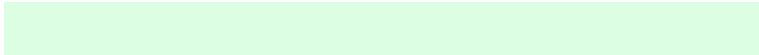
0.0000, 0.0000, 0.0000



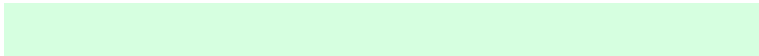
20.3446, 21.4041, 23.3091

Same Dimension

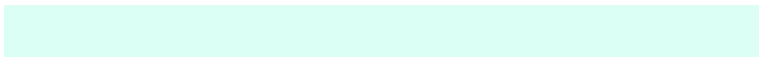
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2796, 92.3374, 87.0446



76.9404, 91.2024, 83.7334



81.7699, 93.3336, 100.1587



17.9416, 20.2362, 19.9956



19.1347, 37.5505, 8.5946



1.9025, 3.6719, 1.0446

Inverse Universe

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



83.6221, 79.1626, 98.8680



81.9217, 76.0882, 97.2950



81.1050, 78.1558, 85.6133



18.6046, 18.2251, 21.8007



26.8571, 13.2321, 28.9616



2.6563, 1.3049, 3.0373

Previews

White Background



This preview shows how the XYZ color 79.2788, 92.3371, 87.0432 looks on a white background.

Color Contrast Check

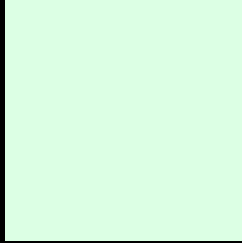
Large Text (above 18pt) WCAG AA × Fail

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 79.2788, 92.3371, 87.0432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

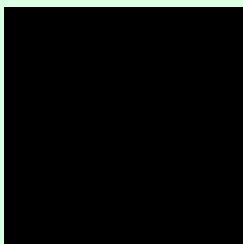
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

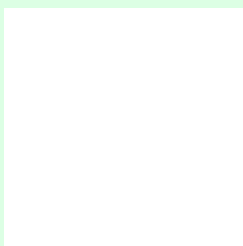
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2788, 92.3371, 87.0432

Background



This preview shows how black text looks on a background with the XYZ color 79.2788, 92.3371, 87.0432.



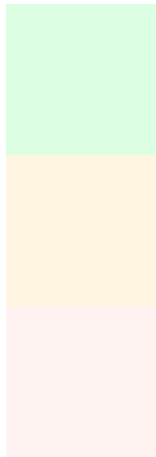
This preview shows how white text looks on a background with the XYZ color 79.2788, 92.3371,

87.0432.

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

79.2788, 92.3371, 87.0432

Protanopia

87.3470, 91.9466, 83.6648

Deuteranopia

89.3176, 91.7720, 97.0106

Tritanopia

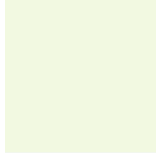
86.9074, 92.0923, 107.8028

Trichromacy



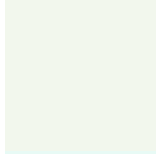
Original Color

79.2788, 92.3371, 87.0432



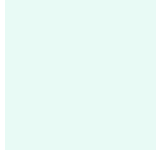
Protanomaly

84.0842, 92.0649, 84.5727



Deuteranomaly

85.1648, 91.5132, 93.2959



Tritanomaly

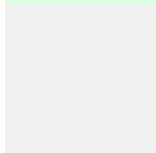
83.9457, 92.1196, 99.7426

Monochromacy



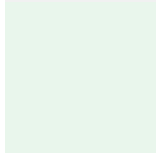
Original Color

79.2788, 92.3371, 87.0432



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.7004, 89.2913, 92.2858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2788, 92.3371, 87.0432 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(220, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 228)  
}
```

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(220, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 228) }
```

Border

The CSS property to change the border of an element to XYZ 79.2788, 92.3371, 87.0432 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(220, 255, 228) }
```


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

```
.border{ border-color:rgb(220, 255, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2788, 92.3371, 87.0432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 228) }
```

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

```
.background{ background-color: rgb(220,  
255, 228) }
```

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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