

Converting Colors

XYZ(72.9335, 82.3009, 82.5627)

Have a look what the booklet for
XYZ(72.9335, 82.3009, 82.5627)
contains.

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Color

**XYZ(72.9335, 82.3009,
82.5627)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F0E0
RGB	216, 240, 224
RGB Percent	85%, 94%, 88%
CMY	0.1529, 0.0588, 0.1216
CMYK	0.10, 0.00, 0.07, 0.06
HSL	140°, 44%, 89%
HSV	140°, 10%, 94%
XYZ	72.9335, 82.3009, 82.5627
YIQ	231.0000, -9.1680, -10.0640

Conversions

Conversions Part 2

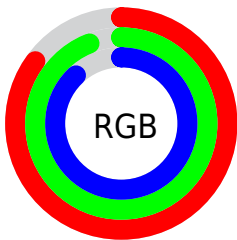
Format	Color
R _Y B	216, 234, 240
Decimal	14217440
CIE Lab	92.71, -10.81, 5.05
CIE LCh	93, 11.933, 154.967
Yxy	82.3009, 0.3067, 0.3461
Android (android.graphics.Color)	4292407520 (0xFFD8F0E0)
YUV	231.0000, -3.4510, -13.1550
Hunter-Lab	90.7198, -15.2561, 9.5450

Details

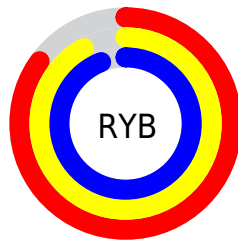
The XYZ color **72.9335, 82.3009, 82.5627** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.0594, 73.4652, 86.5718**, and the grayscale version is **75.9873, 79.9446, 87.0596**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9999, 44.7226, 44.1129** is the 20% darker color. If you saturate the color by 10%, you get **64.2854, 78.0840, 71.3584**, and if you desaturate by 10%, it is **82.8262, 87.1404, 94.8949**.

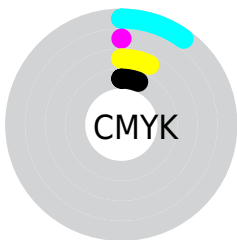
Distribution



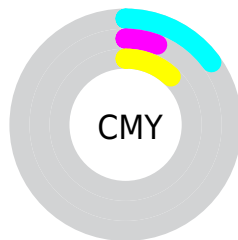
- Red (85%)
- Green (94%)
- Blue (88%)



- Red (85%)
- Yellow (92%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9335, 82.3009, 82.5627 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 72.9335, 82.3009, 82.5627 by changing the saturation by 10% instead.

72.9335, 82.3009,
82.5627

72.9335, 82.3009,
82.5627

459.8917,
502.6536, 523.4607

54.2098, 61.6136,
61.2909

122.3864,
136.5959, 138.8066

39.0007, 44.7205,
44.0279

153.8464,
170.9724, 174.6158

26.9410, 31.2374,
30.3551

190.2824,
210.6807, 216.1079

17.6653, 20.7797,
19.8540

232.0599,
256.1052, 263.7014

10.8082, 12.9630,
12.1059

279.5442,
307.6304, 317.8149

6.0043, 7.4031,
6.6924

333.1007,

2.8884, 3.7155,

365.6406, 378.8669

3.1950

393.0947,
430.5202, 447.2760

■ 1.0950, 1.5157,
1.1950

■ 0.0210, 0.2997,
0.0000

■ 72.9335, 82.3009,
82.5627

■ 72.9335, 82.3009,
82.5627

■ 64.2854, 78.0840,
71.3584

■ 82.8262, 87.1404,
94.8949

■ 56.8245, 74.4539,
61.2448

■ 90.4517, 90.8033,
107.3672

■ 50.4995, 71.3871,
52.1907

■ 45.2522, 68.8543,
44.1613

■ 41.0191, 66.8235,
37.1200

■ 37.7299, 65.2593,
31.0277

■ 35.3047, 64.1213,
25.8430

■ 33.6492, 63.3618,
21.5208

■ 32.6093, 62.9024,
18.0106

Harmonies

Analogous

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



74.8491, 82.3009, 76.3046



72.9335, 82.3009, 82.5627



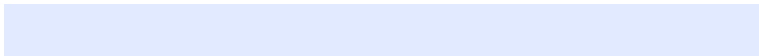
72.4204, 82.3009, 91.1019

Triad

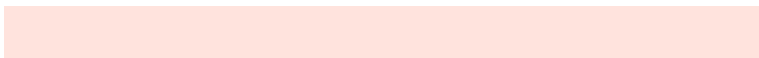
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9335, 82.3009, 82.5627



78.7432, 82.3009, 107.7678



83.2250, 82.3009, 80.1559

Complementary

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



72.9335, 82.3009, 82.5627



75.0594, 73.4652, 86.5718

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.



84.3308, 82.3009, 88.1378



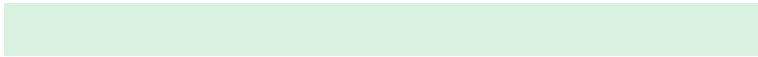
72.9335, 82.3009, 82.5627



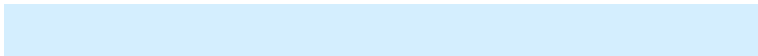
81.6999, 82.3009, 104.3824

Square

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



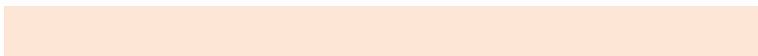
72.9335, 82.3009, 82.5627



75.7229, 82.3009, 106.0317



83.7655, 82.3009, 97.0509



80.7807, 82.3009, 74.9809

Rectangle

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



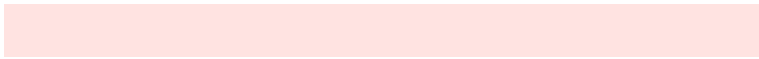
72.9335, 82.3009, 82.5627



72.9308, 82.3009, 97.0323



83.7655, 82.3009, 97.0509



83.7685, 82.3009, 82.5794

Sweetspot

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



72.9358, 82.3044, 82.5645



91.4809, 98.2537, 104.5033



76.9666, 84.5048, 77.2212



19.3813, 20.9328, 22.1208



0.0000, 0.0000, 0.0000



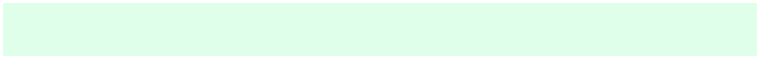
20.3446, 21.4041, 23.3091

Same Dimension

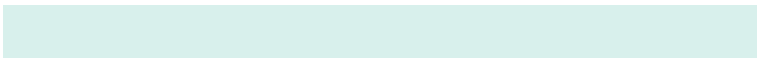
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9358, 82.3044, 82.5645



81.5621, 93.4063, 92.0241



74.5639, 82.9556, 91.1381



15.7832, 17.7433, 17.8812



17.9050, 34.4540, 10.1487



1.5340, 2.8840, 1.0785

Inverse Universe

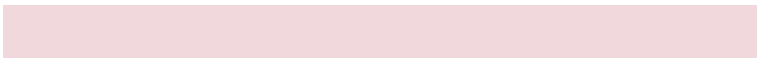
The Inverse Universe completely reimagines the original color for something new.



75.0594, 73.4652, 86.5718



84.4544, 81.3670, 97.4814



73.4649, 72.8273, 78.1748



16.2173, 15.9366, 18.7003



23.2096, 11.5563, 19.5522



1.9768, 0.9798, 1.8685

Previews

White Background



This preview shows how the XYZ color 72.9335, 82.3009, 82.5627 looks on a white background.

Color Contrast Check

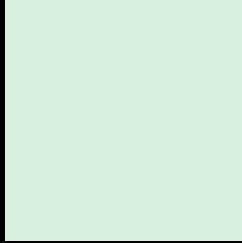
Large Text (above 18pt) WCAG AA × Fail

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 72.9335, 82.3009, 82.5627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

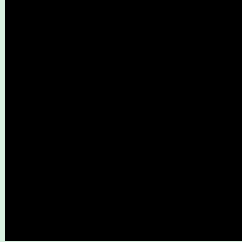
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

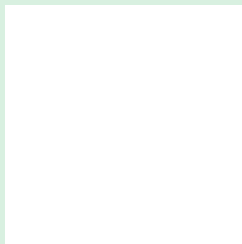
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9335, 82.3009, 82.5627

Background



This preview shows how black text looks on a background with the XYZ color 72.9335, 82.3009, 82.5627.



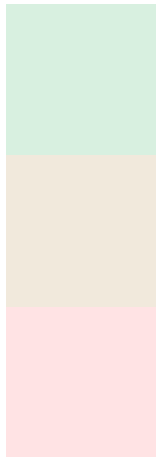
This preview shows how white text looks on a background with the XYZ color 72.9335, 82.3009,

82.5627.

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

72.9335, 82.3009, 82.5627

Protanopia

78.3328, 82.1459, 79.4373

Deuteranopia

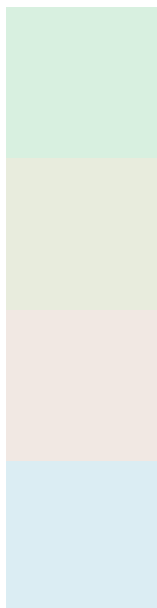
82.7127, 81.7996, 84.8283



Tritanopia

77.7036, 82.5188, 105.5982

Trichromacy



Original Color

72.9335, 82.3009, 82.5627

Protanomaly

76.3253, 82.3672, 80.2823

Deuteranomaly

78.9974, 81.9600, 84.3293

Tritanomaly

75.6753, 82.0995, 96.6523

Monochromacy



Original Color

72.9335, 82.3009, 82.5627

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.7904, 80.6158, 85.0173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9335, 82.3009, 82.5627 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(216, 240, 224) looks like.

```
.text, #text, p{  
    color:rgb(216, 240, 224)  
}
```

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(216, 240, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 240, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.9335, 82.3009, 82.5627 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(216, 240, 224) }
```


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

```
.border{ border-color:rgb(216, 240, 224) }
```

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

Here you see how a box with a 4 pixel rgb(216, 240, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 240, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 240, 224);  
box-shadow:4px 4px 4px 4px rgb(216, 240,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9335, 82.3009, 82.5627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 240, 224) }
```

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

```
.background{ background-color: rgb(216,  
240, 224) }
```

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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