

Converting Colors

XYZ(71.6747, 79.5443, 79.9863)

Have a look what the booklet for
XYZ(71.6747, 79.5443, 79.9863)
contains.

XYZ(71.6729, 79.5425, 79.9823)	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(71.6729, 79.5425,
79.9823)**

Conversions

Conversions Part 1

Format	Color
Hex	DAEBDD
RGB	218, 235, 221
RGB Percent	85%, 92%, 87%
CMY	0.1451, 0.0784, 0.1333
CMYK	0.07, 0.00, 0.06, 0.08
HSL	131°, 30%, 89%
HSV	131°, 7%, 92%
XYZ	71.6729, 79.5425, 79.9823
YIQ	228.3210, -5.6380, -7.9580

Conversions

Conversions Part 2

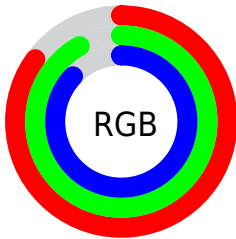
Format	Color
R _Y B	218, 232, 235
Decimal	14347229
CIE Lab	91.48, -8.17, 4.85
CIE LCh	91, 9.502, 149.298
Yxy	79.5425, 0.3100, 0.3440
Android (android.graphics.Color)	4292537309 (0xFFDAEBDD)
YUV	228.3210, -3.6093, -9.0515
Hunter-Lab	89.1866, -12.6289, 9.2595

Details

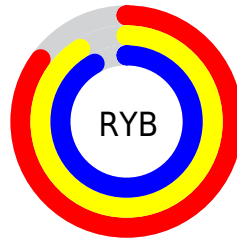
The XYZ color **71.6729, 79.5425, 79.9823** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.9007, 73.6331, 86.6653**, and the grayscale version is **74.0082, 77.8624, 84.7921**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1073, 42.7799, 42.3253** is the 20% darker color. If you saturate the color by 10%, you get **62.7058, 75.2030, 66.8694**, and if you desaturate by 10%, it is **81.9382, 84.5214, 94.7111**.

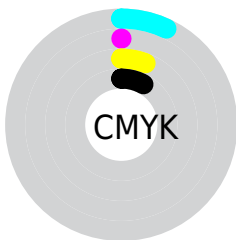
Distribution



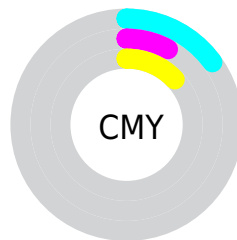
- Red (85%)
- Green (92%)
- Blue (87%)



- Red (85%)
- Yellow (91%)
- Blue (92%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)



- Cyan (15%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6729, 79.5425, 79.9823 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 71.6729, 79.5425, 79.9823 by changing the saturation by 10% instead.

■ 71.6729, 79.5425,
79.9823

■ 71.6729, 79.5425,
79.9823

455.5776,
493.3897, 514.5784

■ 53.1760, 59.3420,
59.1777

120.6047,
132.7223, 135.1520

■ 38.1713, 42.8885,
42.3352

151.7703,
166.4704, 170.3542

■ 26.2935, 29.7976,
29.0363

187.8896,
205.5031, 211.1927

■ 17.1772, 19.6850,
18.8625

229.3278,
250.2048, 258.0860

■ 10.4570, 12.1663,
11.3952

276.4503,
300.9599, 311.4527

■ 5.7676, 6.8570,
6.2158

329.6226,

■ 2.7436, 3.3728,

358.1528, 371.7113

2.9058

389.2099,
422.1680, 439.2804

■ 1.0197, 1.3293,
1.0468

■ 0.0000, 0.1638,
0.0000

■ 71.6729, 79.5425,
79.9823

■ 71.6729, 79.5425,
79.9823

■ 62.7058, 75.2030,
66.8694

■ 81.9382, 84.5214,
94.7111

■ 54.9784, 71.4672,
55.3122

■ 88.9998, 87.8997,
106.8833

■ 48.4378, 68.3112,
45.2545

■ 43.0244, 65.7057,
36.6347

■ 38.6735, 63.6187,
29.3871

■ 35.3138, 62.0148,
23.4405

■ 32.8649, 60.8544,
18.7178

■ 31.2336, 60.0910,
15.1331

■ 30.3005, 59.6654,
12.5895

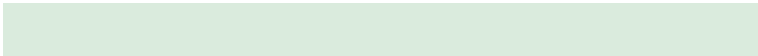
Harmonies

Analogous

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



73.3491, 79.5425, 75.5011



71.6729, 79.5425, 79.9823



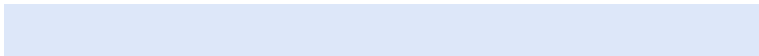
71.0458, 79.5425, 86.4451

Triad

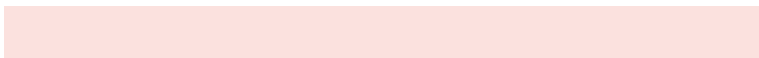
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6729, 79.5425, 79.9823



75.5458, 79.5425, 100.6252



79.7328, 79.5425, 80.2508

Complementary

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



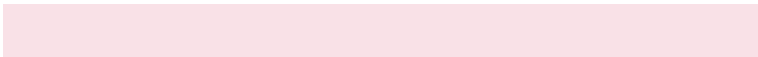
71.6729, 79.5425, 79.9823



73.9007, 73.6331, 86.6653

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.



80.3505, 79.5425, 86.7717



71.6729, 79.5425, 79.9823



77.9022, 79.5425, 98.7546

Square

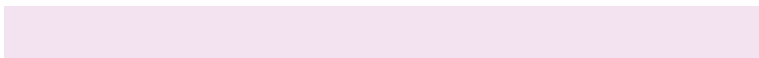
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



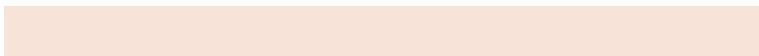
71.6729, 79.5425, 79.9823



73.2523, 79.5425, 98.5764



79.6737, 79.5425, 93.5904



78.0030, 79.5425, 75.6502

Rectangle

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



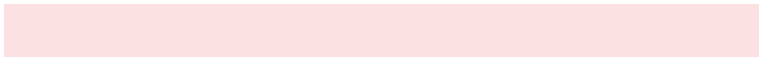
71.6729, 79.5425, 79.9823



71.2965, 79.5425, 91.0863



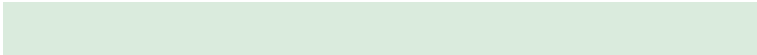
79.6737, 79.5425, 93.5904



80.0790, 79.5425, 82.2795

Sweetspot

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



71.6751, 79.5459, 79.9840



92.5296, 98.7779, 105.2907



75.6993, 81.6662, 78.1041



19.8315, 21.1553, 22.5744



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.



71.6751, 79.5459, 79.9840



84.2097, 94.7461, 93.2821



72.8138, 80.0014, 85.9801



14.9768, 16.9055, 16.5608



16.7940, 33.1721, 6.8803



1.3501, 2.6173, 0.7054

Inverse Universe

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



73.9007, 73.6331, 86.6653



87.5155, 85.9633, 103.2060



72.7442, 73.1706, 80.5755



15.5941, 15.2655, 18.4139



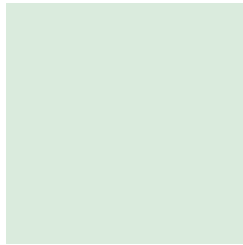
24.5010, 12.0031, 29.5031



1.9538, 0.9545, 2.4741

Previews

White Background



This preview shows how the XYZ color 71.6729, 79.5425, 79.9823 looks on a white background.

Color Contrast Check

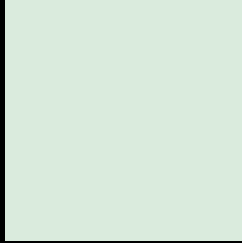
Large Text (above 18pt) WCAG AA × Fail

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 71.6729, 79.5425, 79.9823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

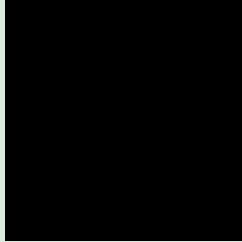
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

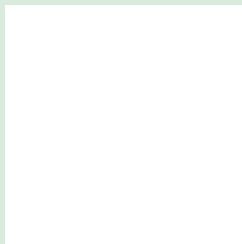
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6729, 79.5425, 79.9823

Background



This preview shows how black text looks on a background with the XYZ color 71.6729, 79.5425, 79.9823.

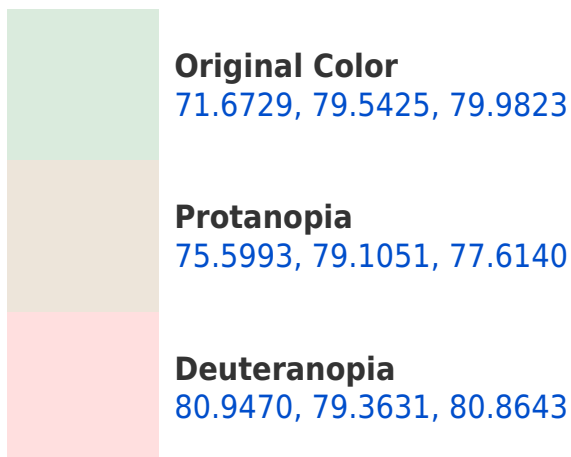


This preview shows how white text looks on a background with the XYZ color 71.6729, 79.5425,

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

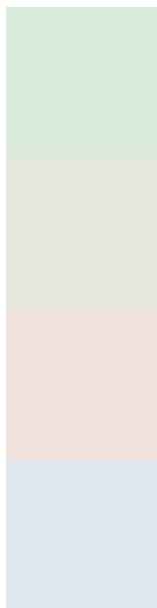




Tritanopia

76.1062, 79.6794, 100.9910

Trichromacy



Original Color

71.6729, 79.5425, 79.9823

Protanomaly

73.9952, 79.0893, 78.3836

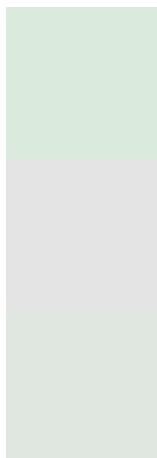
Deuteranomaly

77.2719, 79.0893, 80.3003

Tritanomaly

74.2554, 79.3174, 93.0575

Monochromacy



Original Color

71.6729, 79.5425, 79.9823

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.9070, 78.4354, 82.5311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6729, 79.5425, 79.9823 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(218, 235, 221) looks like.

```
.text, #text, p{  
    color:rgb(218, 235, 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(218, 235, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 235, 221) }
```

Border

The CSS property to change the border of an element to XYZ 71.6729, 79.5425, 79.9823 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(218, 235, 221) }
```


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

```
.border{ border-color:rgb(218, 235, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 235, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 235, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 235, 221);  
box-shadow:4px 4px 4px 4px rgb(218, 235,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6729, 79.5425, 79.9823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 235, 221) }
```

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

```
.background{ background-color: rgb(218,  
235, 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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