

Converting Colors

XYZ(71.4285, 79.3421, 83.3355)

Have a look what the booklet for
XYZ(71.4285, 79.3421, 83.3355)
contains.

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Color

**XYZ(71.4601, 79.3547,
83.5021)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EBE2
RGB	215, 235, 226
RGB Percent	84%, 92%, 89%
CMY	0.1569, 0.0784, 0.1137
CMYK	0.09, 0.00, 0.04, 0.08
HSL	153°, 33%, 88%
HSV	153°, 9%, 92%
XYZ	71.4601, 79.3547, 83.5021
YIQ	227.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

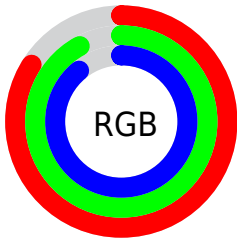
Format	Color
R _Y B	215, 228, 235
Decimal	14150626
CIE Lab	91.39, -8.26, 2.10
CIE LCh	91, 8.518, 165.753
Yxy	79.3547, 0.3050, 0.3387
Android (android.graphics.Color)	4292340706 (0xFFD7EBE2)
YUV	227.9940, -0.9830, -11.3957
Hunter-Lab	89.0813, -12.7013, 6.7802

Details

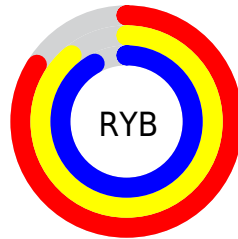
The XYZ color **71.4601, 79.3547, 83.5021** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.0188, 71.6469, 80.5582**, and the grayscale version is **73.7520, 77.5928, 84.4986**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9680, 42.6541, 44.7600** is the 20% darker color. If you saturate the color by 10%, you get **63.6423, 75.4892, 75.7926**, and if you desaturate by 10%, it is **80.3632, 83.7737, 91.7332**.

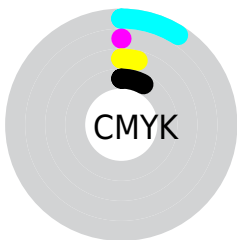
Distribution



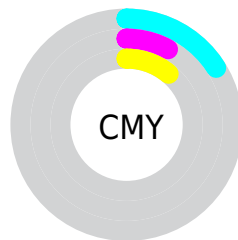
- Red (84%)
- Green (92%)
- Blue (89%)



- Red (84%)
- Yellow (89%)
- Blue (92%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4601, 79.3547, 83.5021 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 71.4601, 79.3547, 83.5021 by changing the saturation by 10% instead.

■ 71.4601, 79.3547,
83.5021

■ 71.4601, 79.3547,
83.5021

454.8471,
492.7555, 526.6731

■ 53.0016, 59.1875,
62.0614

120.3036,
132.4581, 140.1340

■ 38.0316, 42.7641,
44.6462

151.4193,
166.1631, 176.1623

■ 26.1845, 29.7000,
30.8379

187.4849,
205.1494, 217.8902

■ 17.0951, 19.6110,
20.2181

228.8656,
249.8015, 265.7363

■ 10.3981, 12.1126,
12.3680

275.9268,
300.5038, 320.1191

■ 5.7280, 6.8204,
6.8692

329.0339,

■ 2.7195, 3.3500,

357.6406, 381.4571

3.3033

388.5522,
421.5963, 450.1690

■ 1.0072, 1.3171,
1.2515

■ 0.0000, 0.1544,
0.0215

■ 71.4601, 79.3547,
83.5021

■ 71.4601, 79.3547,
83.5021

■ 63.6423, 75.4892,
75.7926

■ 80.3632, 83.7737,
91.7332

■ 56.8593, 72.1449,
68.5890

■ 87.7625, 87.4048,
100.3678

■ 51.0668, 69.3012,
61.8824

■ 88.9998, 87.8997,
106.8833

■ 46.2143, 66.9323,
55.6614

■ 42.2468, 65.0101,
49.9145

■ 39.1031, 63.5032,
44.6292

■ 36.7140, 62.3761,
39.7928

■ 34.9979, 61.5871,
35.3911

■ 33.8370, 61.0756,
31.4083

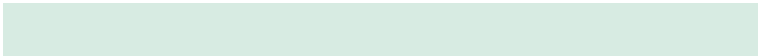
Harmonies

Analogous

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



72.4807, 79.3547, 78.3474



71.4601, 79.3547, 83.5021



71.4874, 79.3547, 89.6818

Triad

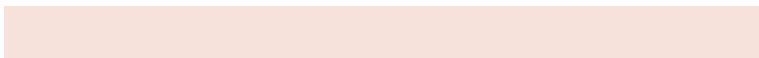
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4601, 79.3547, 83.5021



76.5603, 79.3547, 98.3963



78.3670, 79.3547, 78.1401

Complementary

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



71.4601, 79.3547, 83.5021



72.0188, 71.6469, 80.5582

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.



79.5031, 79.3547, 83.2066



71.4601, 79.3547, 83.5021



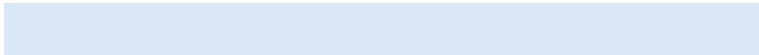
78.4464, 79.3547, 94.9943

Square

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



71.4601, 79.3547, 83.5021



74.4042, 79.3547, 98.4848



79.5324, 79.3547, 89.3719



76.4537, 79.3547, 75.3535

Rectangle

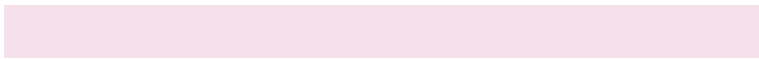
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



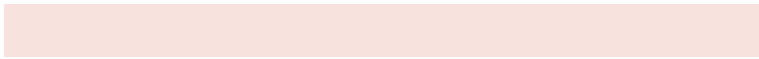
71.4601, 79.3547, 83.5021



72.0954, 79.3547, 93.5602



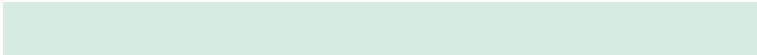
79.5324, 79.3547, 89.3719



78.8541, 79.3547, 79.6219

Sweetspot

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



71.4623, 79.3581, 83.5038



91.7418, 98.3581, 105.8773



72.8207, 80.2272, 75.9384



19.4517, 20.9610, 22.4913



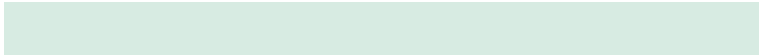
0.0000, 0.0000, 0.0000



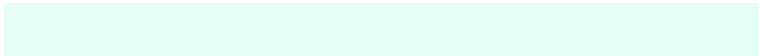
20.3446, 21.4041, 23.3091

Same Dimension

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



71.4623, 79.3581, 83.5038



84.4896, 94.7631, 99.0463



72.5402, 79.4843, 90.1200



15.2149, 17.0008, 17.8147



18.8130, 33.9797, 17.5123



1.5257, 2.6876, 1.6299

Inverse Universe

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



72.0188, 71.6469, 80.5582



85.2717, 83.9253, 94.9064



70.9996, 71.5114, 74.3521



15.3473, 15.1668, 17.1142



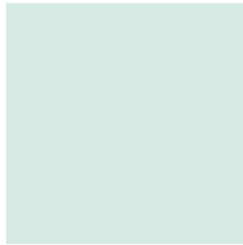
20.5715, 10.4313, 8.8106



1.6632, 0.8383, 0.9439

Previews

White Background



This preview shows how the XYZ color 71.4601, 79.3547, 83.5021 looks on a white background.

Color Contrast Check

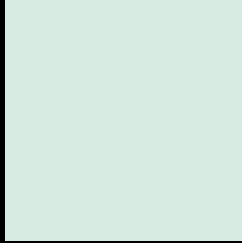
Large Text (above 18pt) WCAG AA × Fail

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 71.4601, 79.3547, 83.5021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

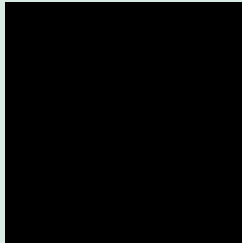
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

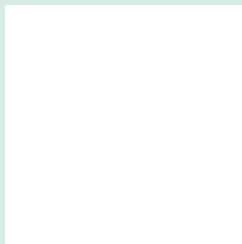
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4601, 79.3547, 83.5021

Background



This preview shows how black text looks on a background with the XYZ color 71.4601, 79.3547, 83.5021.

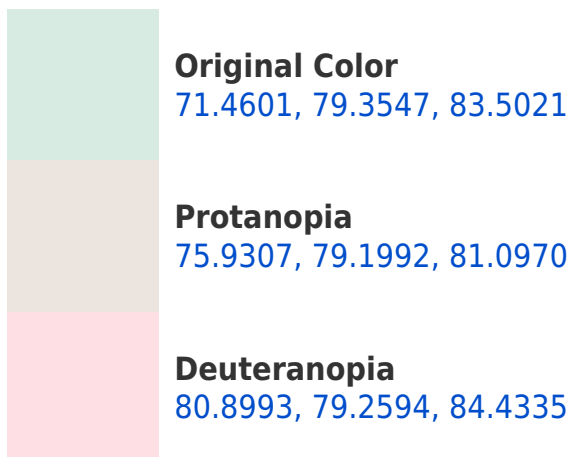


This preview shows how white text looks on a background with the XYZ color 71.4601, 79.3547,

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

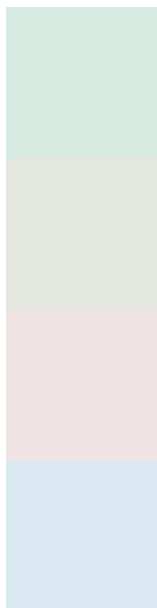




Tritanopia

75.0447, 79.1140, 101.7577

Trichromacy



Original Color

71.4601, 79.3547, 83.5021

Protanomaly

74.0254, 79.0276, 81.8733

Deuteranomaly

76.9308, 78.8349, 83.8350

Tritanomaly

73.6472, 78.9695, 94.5801

Monochromacy



Original Color

71.4601, 79.3547, 83.5021

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.8725, 78.3859, 83.9622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4601, 79.3547, 83.5021 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(215, 235, 226) looks like.

```
.text, #text, p{  
    color:rgb(215, 235, 226)  
}
```

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(215, 235, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 235, 226) }
```

Border

The CSS property to change the border of an element to XYZ 71.4601, 79.3547, 83.5021 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(215, 235, 226) }
```


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

```
.border{ border-color:rgb(215, 235, 226) }
```

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

Here you see how a box with a 4 pixel rgb(215, 235, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 235, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 235, 226);  
box-shadow:4px 4px 4px 4px rgb(215, 235,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4601, 79.3547, 83.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 235, 226) }
```

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

```
.background{ background-color: rgb(215,  
235, 226) }
```

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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