

Converting Colors

XYZ(71.4442, 79.4883, 77.2227)

Have a look what the booklet for
XYZ(71.4442, 79.4883, 77.2227)
contains.

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Color

**XYZ(71.4461, 79.4865,
77.2225)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEBD9
RGB	219, 235, 217
RGB Percent	86%, 92%, 85%
CMY	0.1412, 0.0784, 0.1490
CMYK	0.07, 0.00, 0.08, 0.08
HSL	113°, 31%, 89%
HSV	113°, 8%, 92%
XYZ	71.4461, 79.4865, 77.2225
YIQ	228.1640, -3.7580, -8.9900

Conversions

Conversions Part 2

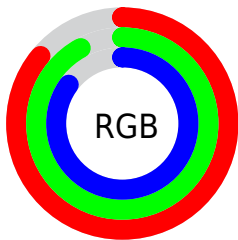
Format	Color
R_{YB}	217, 235, 233
Decimal	14412761
CIE Lab	91.45, -8.54, 6.91
CIE LCh	91, 10.986, 141.037
Yxy	79.4865, 0.3131, 0.3484
Android (android.graphics.Color)	4292602841 (0xFFDBEBD9)
YUV	228.1640, -5.5039, -8.0368
Hunter-Lab	89.1552, -12.9775, 11.0541

Details

The XYZ color **71.4461, 79.4865, 77.2225** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.4158, 72.9498, 88.8127**, and the grayscale version is **73.9057, 77.7545, 84.6747**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9515, 42.7413, 40.4321** is the 20% darker color. If you saturate the color by 10%, you get **62.7094, 75.3133, 61.9775**, and if you desaturate by 10%, it is **81.4113, 84.2473, 94.8004**.

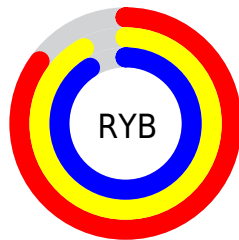
Distribution



Red (86%)

Green (92%)

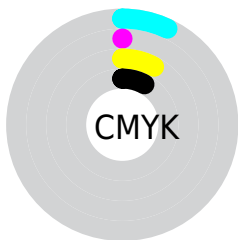
Blue (85%)



Red (85%)

Yellow (92%)

Blue (91%)

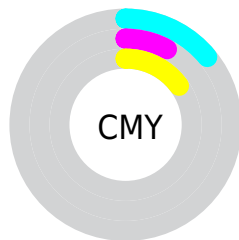


Cyan (7%)

Magenta (0%)

Yellow (8%)

Black (8%)



Cyan (14%)

Magenta (8%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4461, 79.4865, 77.2225 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 71.4461, 79.4865, 77.2225 by changing the saturation by 10% instead.

71.4461, 79.4865,
77.2225

71.4461, 79.4865,
77.2225

454.7990,
493.2006, 504.9801

52.9902, 59.2959,
56.9229

120.2838,
132.6435, 131.2294

38.0224, 42.8514,
40.5344

151.3962,
166.3787, 165.7737

26.1773, 29.7685,
27.6385

187.4582,
205.3976, 205.9034

17.0897, 19.6629,
17.8166

228.8351,
250.0845, 252.0369

10.3942, 12.1503,
10.6504

275.8923,
300.8239, 304.5927

5.7254, 6.8461,
5.7210

328.9951,

2.7179, 3.3660,

358.0001, 363.9895

2.6102

388.5089,
421.9975, 430.6458

■ 1.0064, 1.3257,
0.8977

■ 0.0000, 0.1610,
0.0000

■ 71.4461, 79.4865,
77.2225

■ 71.4461, 79.4865,
77.2225

■ 62.7094, 75.3133,
61.9775

■ 81.4113, 84.2473,
94.8004

■ 55.1472, 71.6950,
48.9625

■ 88.9999, 87.8998,
106.8833

■ 48.7113, 68.6115,
38.0746

■ 43.3474, 66.0372,
29.2006

■ 38.9968, 63.9445,
22.2170

■ 35.5953, 62.3032,
16.9869

■ 33.0710, 61.0796,
13.3545

■ 31.3414, 60.2353,
11.1369

■ 30.3046, 59.7229,
10.0883

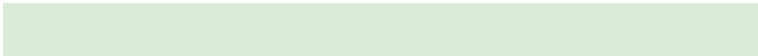
Harmonies

Analogous

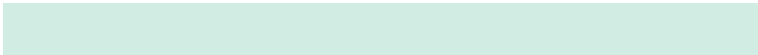
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6361, 79.4865, 72.9580



71.4461, 79.4865, 77.2225



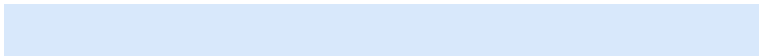
70.3627, 79.4865, 84.1708

Triad

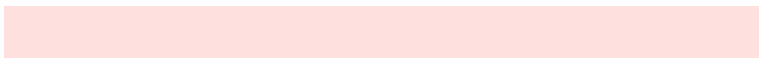
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4461, 79.4865, 77.2225



74.7151, 79.4865, 102.6636



80.6790, 79.4865, 81.1372

Complementary

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



71.4461, 79.4865, 77.2225



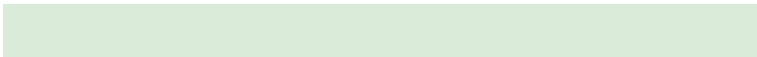
73.4158, 72.9498, 88.8127

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.



80.9852, 79.4865, 88.9681



71.4461, 79.4865, 77.2225



77.4958, 79.4865, 101.7272

Square

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



71.4461, 79.4865, 77.2225



72.2193, 79.4865, 99.0791



79.8072, 79.4865, 96.5940



78.9806, 79.4865, 75.1194

Rectangle

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



71.4461, 79.4865, 77.2225



70.3950, 79.4865, 89.5285



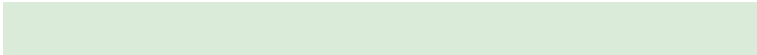
79.8072, 79.4865, 96.5940



80.9498, 79.4865, 83.6330

Sweetspot

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



71.4483, 79.4899, 77.2242



92.5913, 98.8261, 104.5556



75.8994, 80.8970, 77.2612



19.8441, 21.1652, 22.4247



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

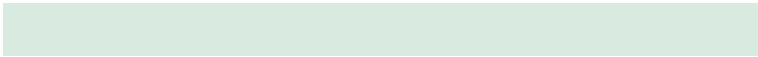
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4483, 79.4899, 77.2242



84.4612, 94.9430, 90.2554



71.7671, 79.5484, 82.0241



15.0236, 16.9422, 15.9971



16.8247, 33.2179, 5.5250



1.3728, 2.6350, 0.4363

Inverse Universe

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



73.4158, 72.9498, 88.8127



87.2292, 85.7412, 106.5600



73.0941, 72.8970, 83.6926



15.5405, 15.2239, 19.0417



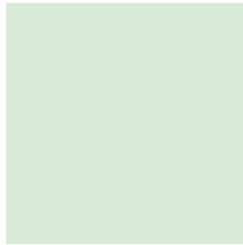
23.0322, 10.9095, 44.6348



1.8556, 0.8809, 3.5071

Previews

White Background



This preview shows how the XYZ color 71.4461, 79.4865, 77.2225 looks on a white background.

Color Contrast Check

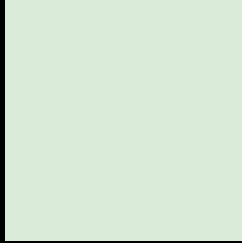
Large Text (above 18pt) WCAG AA × Fail

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 71.4461, 79.4865, 77.2225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

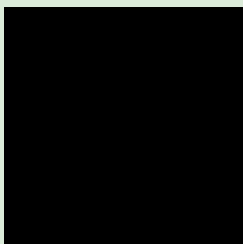
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

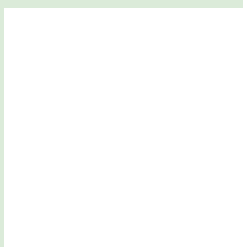
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4461, 79.4865, 77.2225

Background



This preview shows how black text looks on a background with the XYZ color 71.4461, 79.4865, 77.2225.

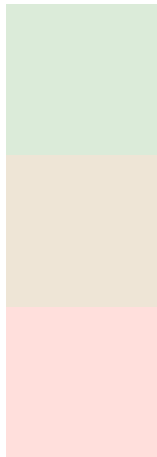


This preview shows how white text looks on a background with the XYZ color 71.4461, 79.4865,

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

71.4461, 79.4865, 77.2225

Protanopia

75.4168, 79.0708, 74.9056

Deuteranopia

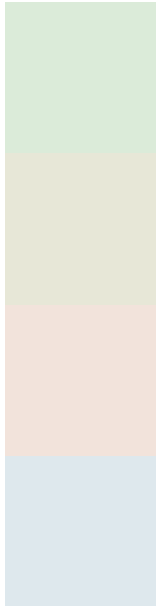
80.5459, 79.2027, 78.7526



Tritanopia

76.1362, 79.2805, 100.9124

Trichromacy



Original Color

71.4461, 79.4865, 77.2225

Protanomaly

73.7967, 79.0470, 75.6581

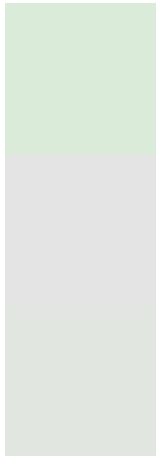
Deuteranomaly

76.8732, 78.9299, 78.2012

Tritanomaly

74.2669, 79.3572, 91.5240

Monochromacy



Original Color

71.4461, 79.4865, 77.2225

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.0818, 78.5412, 81.8292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4461, 79.4865, 77.2225 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(219, 235, 217) looks like.

```
.text, #text, p{  
    color:rgb(219, 235, 217)  
}
```

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(219, 235, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 235, 217) }
```

Border

The CSS property to change the border of an element to XYZ 71.4461, 79.4865, 77.2225 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(219, 235, 217) }
```


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

```
.border{ border-color:rgb(219, 235, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 235, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 235, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 235, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 235,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4461, 79.4865, 77.2225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 235, 217) }
```

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

```
.background{ background-color: rgb(219,  
235, 217) }
```

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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