

Converting Colors

XYZ(72.9532, 81.0925, 79.4987)

Have a look what the booklet for
XYZ(72.9532, 81.0925, 79.4987)
contains.

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Color

**XYZ(73.0212, 81.1078,
79.5169)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEDDC
RGB	221, 237, 220
RGB Percent	87%, 93%, 86%
CMY	0.1333, 0.0706, 0.1372
CMYK	0.07, 0.00, 0.07, 0.07
HSL	116°, 32%, 90%
HSV	116°, 7%, 93%
XYZ	73.0212, 81.1078, 79.5169
YIQ	230.2780, -4.0790, -8.6790

Conversions

Conversions Part 2

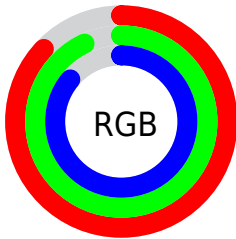
Format	Color
R _{YB}	220, 237, 236
Decimal	14544348
CIE Lab	92.18, -8.35, 6.41
CIE LCh	92, 10.529, 142.499
Yxy	81.1078, 0.3125, 0.3471
Android (android.graphics.Color)	4292734428 (0xFFDDEDDC)
YUV	230.2780, -5.0671, -8.1368
Hunter-Lab	90.0599, -12.8757, 10.6928

Details

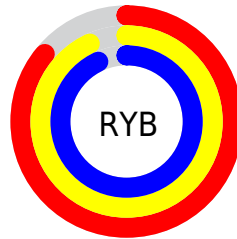
The XYZ color **73.0212, 81.1078, 79.5169** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.4746, 75.1360, 90.6497**, and the grayscale version is **75.4600, 79.3898, 86.4555**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0413, 43.8714, 42.0076** is the 20% darker color. If you saturate the color by 10%, you get **63.7559, 76.6711, 63.8432**, and if you desaturate by 10%, it is **83.6385, 86.1948, 97.5802**.

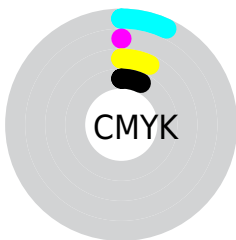
Distribution



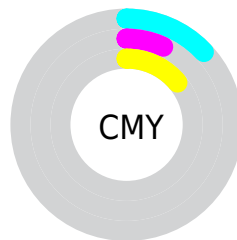
- Red (87%)
- Green (93%)
- Blue (86%)



- Red (86%)
- Yellow (93%)
- Blue (93%)



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



- Cyan (13%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0212, 81.1078, 79.5169 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 73.0212, 81.1078, 79.5169 by changing the saturation by 10% instead.

73.0212, 81.1078,
79.5169

73.0212, 81.1078,
79.5169

460.1909,
498.6584, 512.9670

54.2817, 60.6304,
58.7971

122.5103,
134.9221, 134.4916

39.0585, 43.9269,
42.0308

153.9906,
169.0278, 169.5835

26.9862, 30.6131,
28.7997

190.4486,
208.4451, 210.3031

17.6994, 20.3044,
18.6851

232.2496,
253.5583, 257.0691

10.8328, 12.6165,
11.2684

279.7590,
304.7518, 310.3000

6.0209, 7.1650,
6.1313

333.3421,

2.8986, 3.5655,

362.4101, 370.4142

2.8550

393.3643,
426.9175, 437.8304

■ 1.1004, 1.4336,
1.0211

■ 0.0254, 0.2413,
0.0000

■ 73.0212, 81.1078,
79.5169

■ 73.0212, 81.1078,
79.5169

■ 63.7559, 76.6711,
63.8432

■ 83.6385, 86.1948,
97.5802

■ 55.7820, 72.8484,
50.4540

■ 89.5758, 89.0515,
107.0753

■ 49.0441, 69.6161,
39.2443

■ 43.4803, 66.9445,
30.0989

■ 39.0232, 64.8017,
22.8917

■ 35.5989, 63.1525,
17.4833

■ 33.1240, 61.9575,
13.7153

■ 31.5024, 61.1711,
11.4019

■ 30.6157, 60.7374,
10.3022

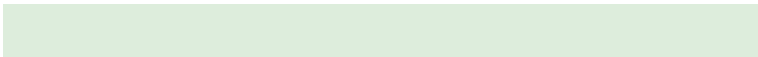
Harmonies

Analogous

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



75.1093, 81.1078, 75.2028



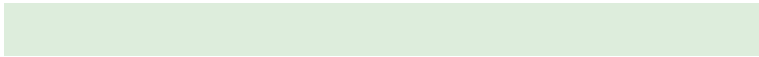
73.0212, 81.1078, 79.5169



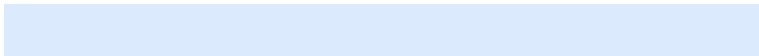
72.0279, 81.1078, 86.3745

Triad

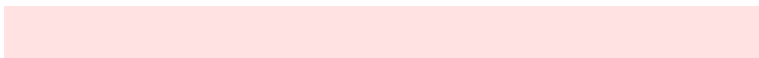
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0212, 81.1078, 79.5169



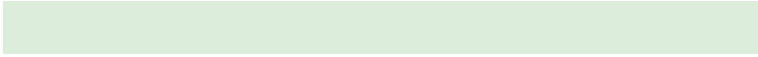
76.4108, 81.1078, 103.9864



82.0167, 81.1078, 82.7120

Complementary

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



73.0212, 81.1078, 79.5169



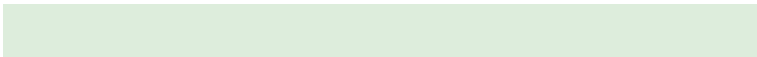
75.4746, 75.1360, 90.6497

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.



82.3850, 81.1078, 90.2794



73.0212, 81.1078, 79.5169



79.1063, 81.1078, 102.8638

Square

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



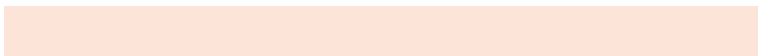
73.0212, 81.1078, 79.5169



73.9548, 81.1078, 100.7175



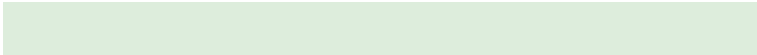
81.3083, 81.1078, 97.7341



80.3136, 81.1078, 76.9705

Rectangle

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



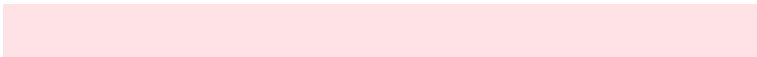
73.0212, 81.1078, 79.5169



72.1035, 81.1078, 91.5893



81.3083, 81.1078, 97.7341



82.3023, 81.1078, 85.1151

Sweetspot

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



73.0234, 81.1113, 79.5187



92.4956, 98.7768, 104.5511



77.8039, 83.0900, 79.6486



19.8246, 21.1551, 22.4238



0.0000, 0.0000, 0.0000



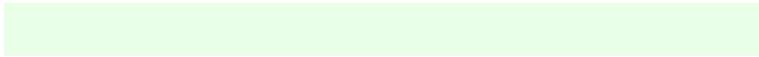
20.3446, 21.4041, 23.3091

Same Dimension

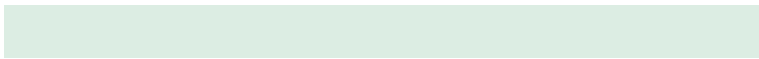
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0234, 81.1113, 79.5187



84.0673, 94.7399, 90.2370



73.7178, 81.3539, 84.7586



14.9503, 16.9044, 15.9936



16.6674, 33.1368, 5.5176



1.3377, 2.6170, 0.4346

Inverse Universe

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



75.4746, 75.1360, 90.6497



87.6661, 85.9664, 106.5804



74.7525, 74.8856, 85.1105



15.6223, 15.2661, 19.0455



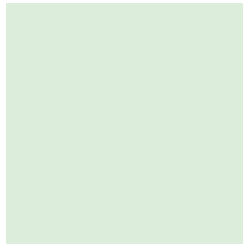
25.0114, 11.9298, 44.7274



1.9906, 0.9505, 3.5134

Previews

White Background



This preview shows how the XYZ color 73.0212, 81.1078, 79.5169 looks on a white background.

Color Contrast Check

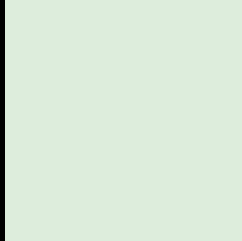
Large Text (above 18pt) WCAG AA × Fail

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 73.0212, 81.1078, 79.5169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

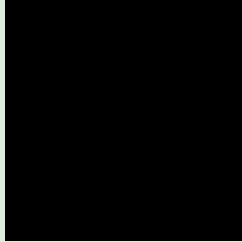
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

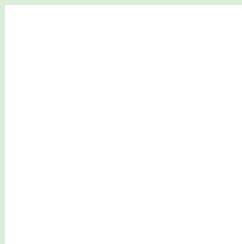
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0212, 81.1078, 79.5169

Background



This preview shows how black text looks on a background with the XYZ color 73.0212, 81.1078, 79.5169.



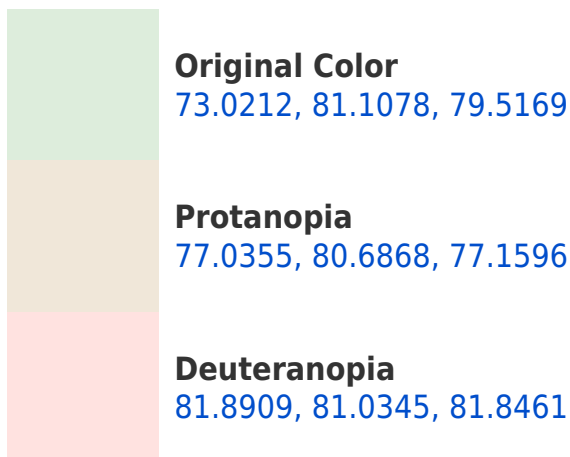
This preview shows how white text looks on a background with the XYZ color 73.0212, 81.1078,

79.5169.

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

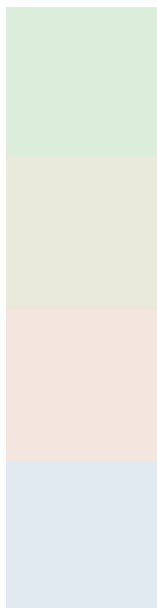




Tritanopia

77.6332, 80.8470, 102.7801

Trichromacy



Original Color

73.0212, 81.1078, 79.5169

Protanomaly

75.3981, 80.6634, 77.9254

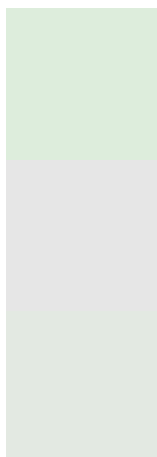
Deuteranomaly

78.5782, 80.9760, 81.3005

Tritanomaly

75.8915, 80.9842, 94.0697

Monochromacy



Original Color

73.0212, 81.1078, 79.5169

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.5449, 80.0997, 83.4834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0212, 81.1078, 79.5169 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(221, 237, 220)` looks like.

```
.text, #text, p{  
    color:rgb(221, 237, 220)  
}
```

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(221, 237, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 237, 220) }
```

Border

The CSS property to change the border of an element to XYZ 73.0212, 81.1078, 79.5169 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(221, 237, 220) }
```


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

```
.border{ border-color:rgb(221, 237, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 237, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 237, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 237, 220);  
box-shadow:4px 4px 4px 4px rgb(221, 237,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0212, 81.1078, 79.5169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 237, 220) }
```

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

```
.background{ background-color: rgb(221,  
237, 220) }
```

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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