

Converting Colors

XYZ(72.4607, 81.6203, 82.3035)

Have a look what the booklet for
XYZ(72.4607, 81.6203, 82.3035)
contains.

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Color

**XYZ(72.6400, 81.7138,
82.4648)**

Conversions

Conversions Part 1

Format	Color
Hex	D8EFE0
RGB	216, 239, 224
RGB Percent	85%, 94%, 88%
CMY	0.1529, 0.0627, 0.1216
CMYK	0.10, 0.00, 0.06, 0.06
HSL	141°, 42%, 89%
HSV	141°, 10%, 94%
XYZ	72.6400, 81.7138, 82.4648
YIQ	230.4130, -8.8930, -9.5410

Conversions

Conversions Part 2

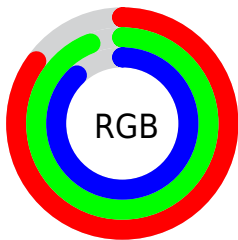
Format	Color
R _Y B	216, 233, 239
Decimal	14217184
CIE Lab	92.45, -10.31, 4.67
CIE LCh	92, 11.320, 155.610
Yxy	81.7138, 0.3067, 0.3450
Android (android.graphics.Color)	4292407264 (0xFFD8EFE0)
YUV	230.4130, -3.1616, -12.6402
Hunter-Lab	90.3957, -14.7537, 9.1888

Details

The XYZ color **72.6400, 81.7138, 82.4648** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.5793, 73.2341, 85.8102**, and the grayscale version is **75.5491, 79.4835, 86.5575**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7929, 44.3086, 44.0439** is the 20% darker color. If you saturate the color by 10%, you get **64.0680, 77.5303, 71.5294**, and if you desaturate by 10%, it is **82.4375, 86.5113, 94.4728**.

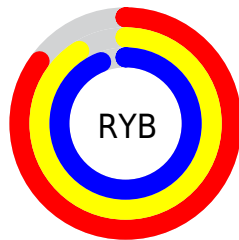
Distribution



Red (85%)

Green (94%)

Blue (88%)



Red (85%)

Yellow (91%)

Blue (94%)

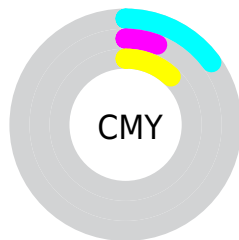


Cyan (10%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (15%)

Magenta (6%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6400, 81.7138, 82.4648 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 72.6400, 81.7138, 82.4648 by changing the saturation by 10% instead.

72.6400, 81.7138,
82.4648

72.6400, 81.7138,
82.4648

458.8893,
500.6899, 523.1253

53.9690, 61.1297,
61.2107

121.9719,
135.7726, 138.6681

38.8074, 44.3298,
43.9636

153.3635,
170.0160, 174.4545

26.7900, 30.9299,
30.3049

189.7260,
209.5813, 215.9219

17.5513, 20.5455,
19.8161

231.4247,
254.8529, 263.4891

10.7261, 12.7922,
12.0787

278.8250,
306.2151, 317.5744

5.9489, 7.2856,
6.6741

332.2924,

2.8544, 3.6413,

364.0525, 378.5966

3.1838

392.1920,
428.7492, 446.9740

■ 1.0772, 1.4750,
1.1892

■ 0.0059, 0.2711,
0.0000

■ 72.6400, 81.7138,
82.4648

■ 72.6400, 81.7138,
82.4648

■ 64.0680, 77.5303,
71.5294

■ 82.4375, 86.5113,
94.4728

■ 56.6654, 73.9255,
61.6319

■ 90.1581, 90.2162,
107.2694

■ 50.3815, 70.8763,
52.7434

■ 45.1596, 68.3540,
44.8317

■ 40.9375, 66.3273,
37.8628

■ 37.6463, 64.7614,
31.8009

■ 35.2079, 63.6167,
26.6075

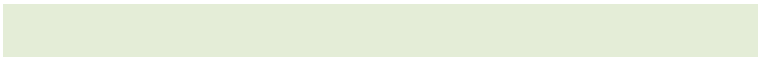
■ 33.5302, 62.8467,
22.2413

■ 32.4680, 62.3774,
18.6557

Harmonies

Analogous

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



74.4271, 81.7138, 76.4705



72.6400, 81.7138, 82.4648



72.1852, 81.7138, 90.5616

Triad

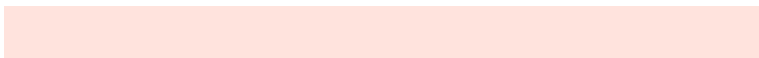
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6400, 81.7138, 82.4648



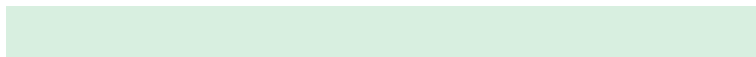
78.2195, 81.7138, 106.0434



82.3448, 81.7138, 79.8908

Complementary

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



72.6400, 81.7138, 82.4648



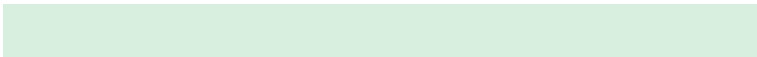
74.5793, 73.2341, 85.8102

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.



83.4185, 81.7138, 87.4019



72.6400, 81.7138, 82.4648



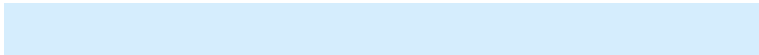
80.9986, 81.7138, 102.7677

Square

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



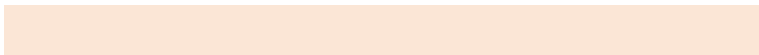
72.6400, 81.7138, 82.4648



75.3597, 81.7138, 104.5167



82.9197, 81.7138, 95.8137



80.0199, 81.7138, 75.0513

Rectangle

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



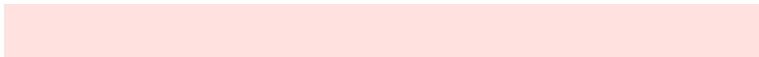
72.6400, 81.7138, 82.4648



72.6886, 81.7138, 96.1419



82.9197, 81.7138, 95.8137



82.8667, 81.7138, 82.1685

Sweetspot

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



72.6423, 81.7173, 82.4666



91.4983, 98.2606, 104.5948



76.3270, 83.7393, 77.1074



19.3860, 20.9347, 22.1455



0.0000, 0.0000, 0.0000



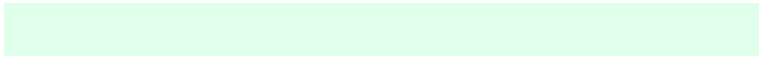
20.3446, 21.4041, 23.3091

Same Dimension

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



72.6423, 81.7173, 82.4666



81.6260, 93.4319, 92.3609



74.2077, 82.3434, 90.7099



15.7928, 17.7472, 17.9321



17.9787, 34.4835, 10.5366



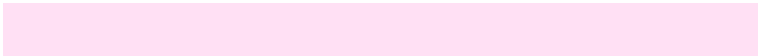
1.5410, 2.8868, 1.1152

Inverse Universe

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



74.5793, 73.2341, 85.8102



84.3869, 81.3400, 97.1259



73.0512, 72.6229, 77.7635



16.2072, 15.9326, 18.6473



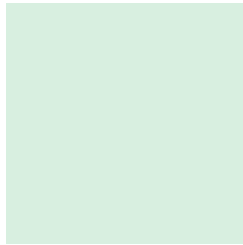
23.0464, 11.4910, 18.6929



1.9640, 0.9746, 1.8013

Previews

White Background



This preview shows how the XYZ color 72.6400, 81.7138, 82.4648 looks on a white background.

Color Contrast Check

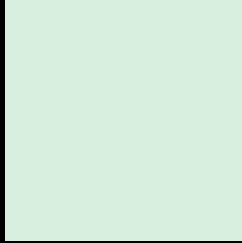
Large Text (above 18pt) WCAG AA × Fail

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 72.6400, 81.7138, 82.4648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

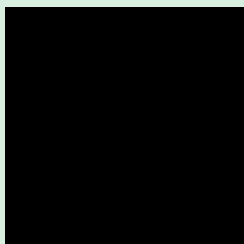
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

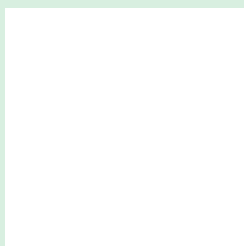
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6400, 81.7138, 82.4648

Background



This preview shows how black text looks on a background with the XYZ color 72.6400, 81.7138, 82.4648.



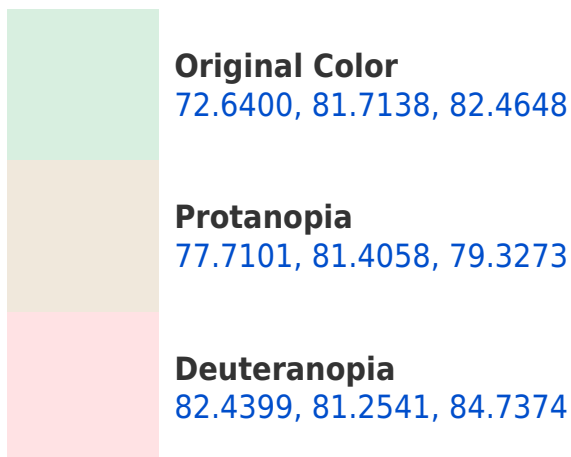
This preview shows how white text looks on a background with the XYZ color 72.6400, 81.7138,

82.4648.

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

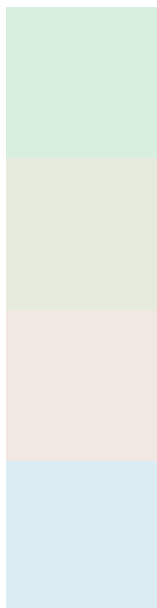




Tritanopia

77.2567, 81.8807, 104.6612

Trichromacy



Original Color

72.6400, 81.7138, 82.4648

Protanomaly

75.7145, 81.6260, 80.1714

Deuteranomaly

78.7167, 81.3987, 84.2357

Tritanomaly

75.2359, 81.4618, 95.7627

Monochromacy



Original Color

72.6400, 81.7138, 82.4648

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.1938, 79.8868, 84.9081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6400, 81.7138, 82.4648 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, 239, 224)` looks like.

```
.text, #text, p{  
    color:rgb(216, 239, 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, 239, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 239, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.6400, 81.7138, 82.4648 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, 239, 224) }
```


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

```
.border{ border-color:rgb(216, 239, 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, 239, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 239, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 239, 224);  
box-shadow:4px 4px 4px 4px rgb(216, 239,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6400, 81.7138, 82.4648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 239, 224) }
```

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

```
.background{ background-color: rgb(216,  
239, 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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