

Converting Colors

XYZ(72.5240, 81.4272, 83.0814)

Have a look what the booklet for XYZ(72.5240, 81.4272, 83.0814) contains.

XYZ(72.7760, 81.7682, 83.1813) 3

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Color

**XYZ(72.7760, 81.7682,
83.1813)**

Conversions

Conversions Part 1

Format	Color
Hex	D8EFE1
RGB	216, 239, 225
RGB Percent	85%, 94%, 88%
CMY	0.1529, 0.0627, 0.1176
CMYK	0.10, 0.00, 0.06, 0.06
HSL	143°, 42%, 89%
HSV	143°, 10%, 94%
XYZ	72.7760, 81.7682, 83.1813
YIQ	230.5270, -9.2140, -9.2300

Conversions

Conversions Part 2

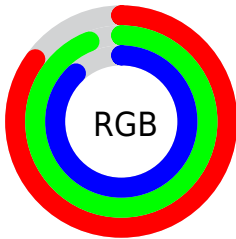
Format	Color
R _Y B	216, 233, 239
Decimal	14217185
CIE Lab	92.47, -10.13, 4.19
CIE LCh	92, 10.961, 157.528
Yxy	81.7682, 0.3061, 0.3440
Android (android.graphics.Color)	4292407265 (0xFFD8EFE1)
YUV	230.5270, -2.7248, -12.7402
Hunter-Lab	90.4258, -14.5857, 8.7581

Details

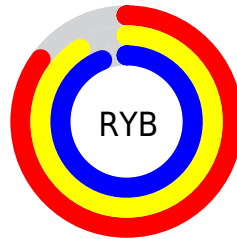
The XYZ color **72.7760, 81.7682, 83.1813** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.4383, 73.1776, 85.0681**, and the grayscale version is **75.6306, 79.5693, 86.6510**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8871, 44.3463, 44.5403** is the 20% darker color. If you saturate the color by 10%, you get **64.3212, 77.6315, 72.8629**, and if you desaturate by 10%, it is **82.4316, 86.5089, 94.4423**.

Distribution



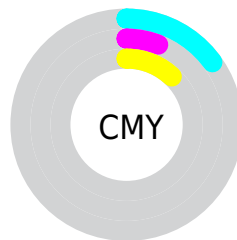
- Red (85%)
- Green (94%)
- Blue (88%)



- 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 72.7760, 81.7682, 83.1813 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 72.7760, 81.7682, 83.1813 by changing the saturation by 10% instead.

72.7760, 81.7682,
83.1813

72.7760, 81.7682,
83.1813

459.3539,
500.8720, 525.5774

54.0805, 61.1745,
61.7982

122.1640,
135.8489, 139.6809

38.8970, 44.3660,
44.4350

153.5873,
170.1047, 175.6344

26.8600, 30.9583,
30.6729

189.9839,
209.6832, 217.2820

17.6041, 20.5671,
20.0935

231.7191,
254.9690, 265.0420

10.7641, 12.8080,
12.2783

279.1584,
306.3464, 319.3329

5.9746, 7.2964,
6.8087

332.6670,

2.8701, 3.6482,

364.1997, 380.5735

3.2661

392.6104,
428.9135, 449.1821

■ 1.0855, 1.4788,
1.2321

■ 0.0129, 0.2737,
0.0051

■ 72.7760, 81.7682,
83.1813

■ 72.7760, 81.7682,
83.1813

■ 64.3212, 77.6315,
72.8629

■ 82.4316, 86.5089,
94.4423

■ 57.0120, 74.0641,
63.4575

■ 90.0136, 90.1584,
106.5086

■ 50.7989, 71.0432,
54.9417

■ 90.1581, 90.2162,
107.2694

■ 45.6262, 68.5406,
47.2891

■ 41.4330, 66.5254,
40.4720

■ 38.1515, 64.9634,
34.4612

■ 35.7051, 63.8156,
29.2257

■ 34.0031, 63.0359,
24.7320

■ 32.9022, 62.5511,
20.9424

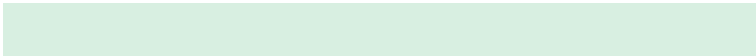
Harmonies

Analogous

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



74.4360, 81.7682, 77.1853



72.7760, 81.7682, 83.1813



72.4244, 81.7682, 91.0983

Triad

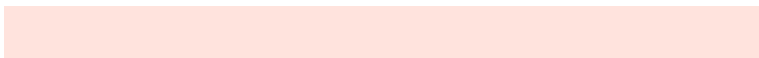
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7760, 81.7682, 83.1813



78.4365, 81.7682, 105.4698



82.1341, 81.7682, 79.8325

Complementary

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



72.7760, 81.7682, 83.1813



74.4383, 73.1776, 85.0681

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.



83.2639, 81.7682, 86.9965



72.7760, 81.7682, 83.1813



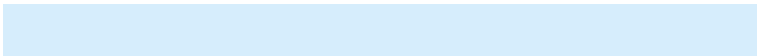
81.0955, 81.7682, 102.0320

Square

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



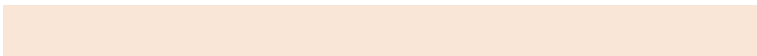
72.7760, 81.7682, 83.1813



75.6477, 81.7682, 104.2945



82.8793, 81.7682, 95.1501



79.8262, 81.7682, 75.3357

Rectangle

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



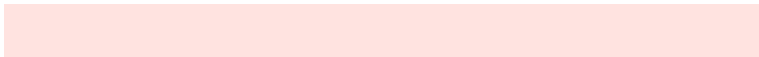
72.7760, 81.7682, 83.1813



72.9712, 81.7682, 96.4644



82.8793, 81.7682, 95.1501



82.6668, 81.7682, 81.9909

Sweetspot

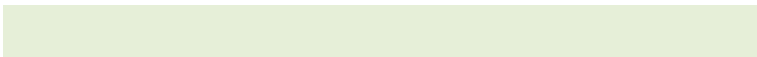
The Sweet Spot groups the original color and five complimentary colors.



72.7783, 81.7717, 83.1831



91.5505, 98.2815, 104.8698



75.9562, 83.5481, 77.0899



19.4001, 20.9403, 22.2195



0.0000, 0.0000, 0.0000



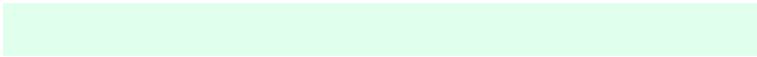
20.3446, 21.4041, 23.3091

Same Dimension

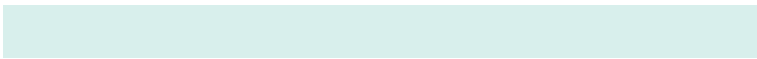
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7783, 81.7717, 83.1831



81.8191, 93.5091, 93.3774



74.3745, 82.4102, 91.5889



15.8220, 17.7588, 18.0854



18.2218, 34.5807, 11.8167



1.5634, 2.8958, 1.2330

Inverse Universe

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



74.4383, 73.1776, 85.0681



84.1852, 81.2593, 96.0636



72.8995, 72.5621, 76.9645



16.1771, 15.9205, 18.4886



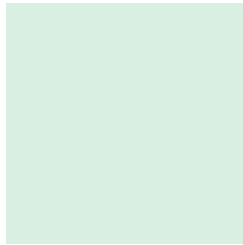
22.5831, 11.3057, 16.2532



1.9274, 0.9600, 1.6085

Previews

White Background



This preview shows how the XYZ color 72.7760, 81.7682, 83.1813 looks on a white background.

Color Contrast Check

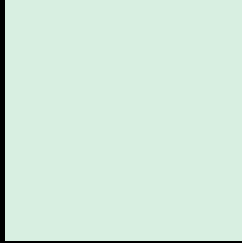
Large Text (above 18pt) WCAG AA × Fail

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 72.7760, 81.7682, 83.1813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

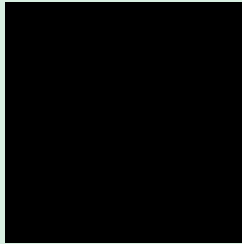
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

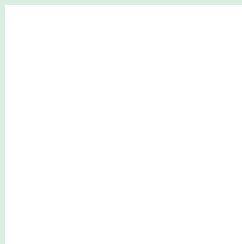
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7760, 81.7682, 83.1813

Background



This preview shows how black text looks on a background with the XYZ color 72.7760, 81.7682, 83.1813.

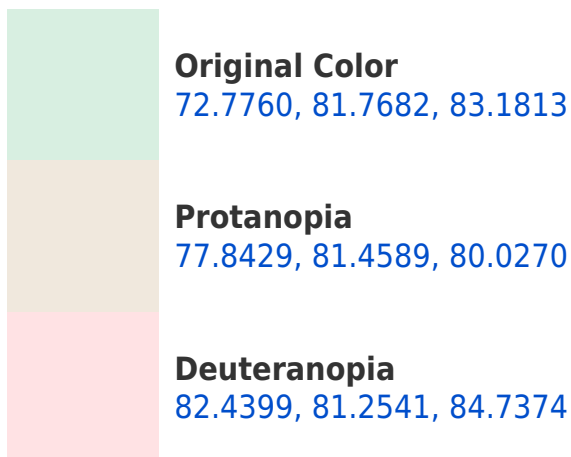


This preview shows how white text looks on a background with the XYZ color 72.7760, 81.7682,

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

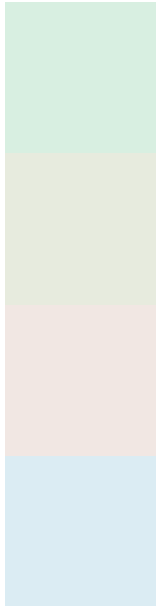




Tritanopia

77.2567, 81.8807, 104.6612

Trichromacy



Original Color

72.7760, 81.7682, 83.1813

Protanomaly

75.8481, 81.6795, 80.8753

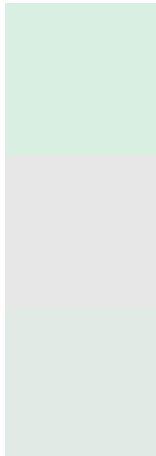
Deuteranomaly

78.7167, 81.3987, 84.2357

Tritanomaly

75.3865, 81.5220, 96.5561

Monochromacy



Original Color

72.7760, 81.7682, 83.1813

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.9297, 80.6715, 85.7507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7760, 81.7682, 83.1813 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(216, 239, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 239, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.7760, 81.7682, 83.1813 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, 225) }
```


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

```
.border{ border-color:rgb(216, 239, 225) }
```

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, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 239, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 239, 225);  
box-shadow:4px 4px 4px 4px rgb(216, 239,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7760, 81.7682, 83.1813 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, 225) }
```

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

```
.background{ background-color: rgb(216,  
239, 225) }
```

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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