

Converting Colors

XYZ(73.8365, 82.2280, 82.4894)

Have a look what the booklet for
XYZ(73.8365, 82.2280, 82.4894)
contains.

XYZ(73.8362, 82.3305, 82.5208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.8362, 82.3305,
82.5208)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEFE0
RGB	220, 239, 224
RGB Percent	86%, 94%, 88%
CMY	0.1372, 0.0627, 0.1216
CMYK	0.08, 0.00, 0.06, 0.06
HSL	133°, 37%, 90%
HSV	133°, 8%, 94%
XYZ	73.8362, 82.3305, 82.5208
YIQ	231.6090, -6.5090, -8.6930

Conversions

Conversions Part 2

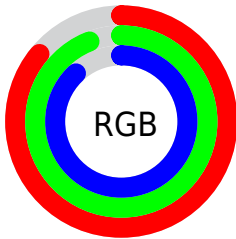
Format	Color
R _Y B	220, 236, 239
Decimal	14479328
CIE Lab	92.72, -8.99, 5.10
CIE LCh	93, 10.335, 150.414
Yxy	82.3305, 0.3093, 0.3449
Android (android.graphics.Color)	4292669408 (0xFFDCEFE0)
YUV	231.6090, -3.7512, -10.1811
Hunter-Lab	90.7362, -13.5346, 9.5935

Details

The XYZ color **73.8362, 82.3305, 82.5208** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.1881, 75.5372, 89.1657**, and the grayscale version is **76.4421, 80.4230, 87.5807**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6120, 44.7309, 44.0823** is the 20% darker color. If you saturate the color by 10%, you get **64.6947, 77.8997, 69.4678**, and if you desaturate by 10%, it is **84.3005, 87.4151, 97.1217**.

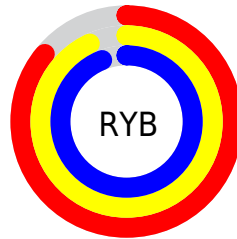
Distribution



Red (86%)

Green (94%)

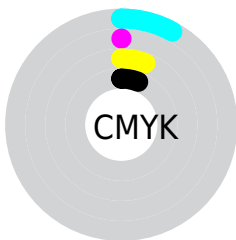
Blue (88%)



Red (86%)

Yellow (93%)

Blue (94%)

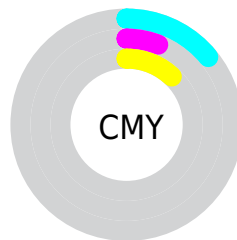


Cyan (8%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8362, 82.3305, 82.5208 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 73.8362, 82.3305, 82.5208 by changing the saturation by 10% instead.

73.8362, 82.3305,
82.5208

73.8362, 82.3305,
82.5208

462.9669,
502.7525, 523.3172

54.9508, 61.6380,
61.2566

123.6603,
136.6374, 138.7473

39.5960, 44.7403,
44.0004

155.3298,
171.0205, 174.5467

27.4065, 31.2529,
30.3336

191.9912,
210.7360, 216.0283

18.0169, 20.7915,
19.8378

234.0101,
256.1683, 263.6105

11.0619, 12.9717,
12.0943

281.7518,
307.7017, 317.7120

6.1761, 7.4090,
6.6846

335.5816,

2.9941, 3.7192,

365.7206, 378.7512

3.1902

395.8648,
430.6094, 447.1468

■ 1.1507, 1.5178,
1.1926

■ 0.0669, 0.3012,
0.0000

■ 73.8362, 82.3305,
82.5208

■ 73.8362, 82.3305,
82.5208

■ 64.6947, 77.8997,
69.4678

■ 84.3005, 87.4151,
97.1217

■ 56.8163, 74.0859,
57.9066

■ 90.1581, 90.2163,
107.2694

■ 50.1466, 70.8647,
47.7856

■ 44.6250, 68.2059,
39.0481

■ 40.1851, 66.0765,
31.6339

■ 36.7538, 64.4403,
25.4782

■ 34.2486, 63.2562,
20.5106

■ 32.5732, 62.4762,
16.6538

■ 31.5994, 62.0359,
13.8206

Harmonies

Analogous

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



75.6608, 82.3305, 77.4554



73.8362, 82.3305, 82.5208



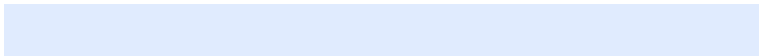
73.1889, 82.3305, 89.7512

Triad

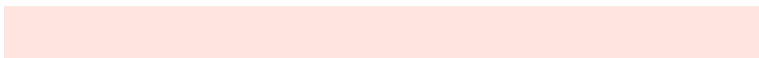
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8362, 82.3305, 82.5208



78.2901, 82.3305, 105.3033



82.8029, 82.3305, 82.3451

Complementary

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



73.8362, 82.3305, 82.5208



76.1881, 75.5372, 89.1657

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.



83.5448, 82.3305, 89.5367



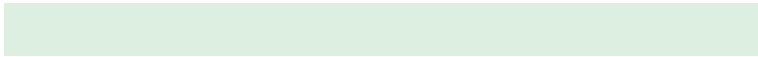
73.8362, 82.3305, 82.5208



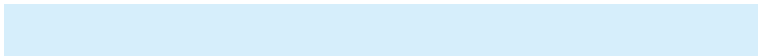
80.9030, 82.3305, 103.0484

Square

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



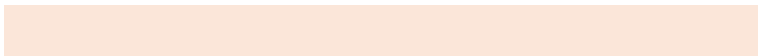
73.8362, 82.3305, 82.5208



75.7243, 82.3305, 103.1662



82.8418, 82.3305, 97.1656



80.8367, 82.3305, 77.3581

Rectangle

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



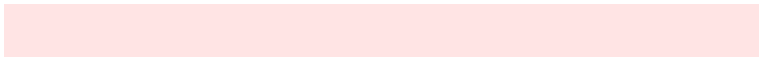
73.8362, 82.3305, 82.5208



73.5002, 82.3305, 94.9159



82.8418, 82.3305, 97.1656



83.2058, 82.3305, 84.5708

Sweetspot

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



73.8385, 82.3340, 82.5226



92.5569, 98.7889, 105.4348



78.1151, 84.6007, 79.9235



19.8371, 21.1576, 22.6038



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.



73.8385, 82.3340, 82.5226



83.2092, 94.2509, 92.3039



75.1352, 82.8527, 89.3510



15.7020, 17.7108, 17.4538



17.4179, 34.2592, 7.5837



1.4842, 2.8641, 0.8163

Inverse Universe

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



76.1881, 75.5372, 89.1657



86.5955, 84.4548, 101.8777



74.8787, 75.0134, 82.2702



16.3034, 15.9711, 19.1541



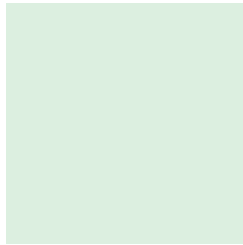
24.7786, 12.1838, 27.8141



2.0966, 1.0277, 2.4995

Previews

White Background



This preview shows how the XYZ color 73.8362, 82.3305, 82.5208 looks on a white background.

Color Contrast Check

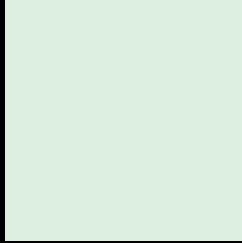
Large Text (above 18pt) WCAG AA × Fail

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 73.8362, 82.3305, 82.5208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

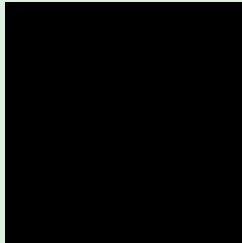
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

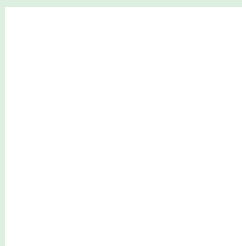
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8362, 82.3305, 82.5208

Background



This preview shows how black text looks on a background with the XYZ color 73.8362, 82.3305, 82.5208.



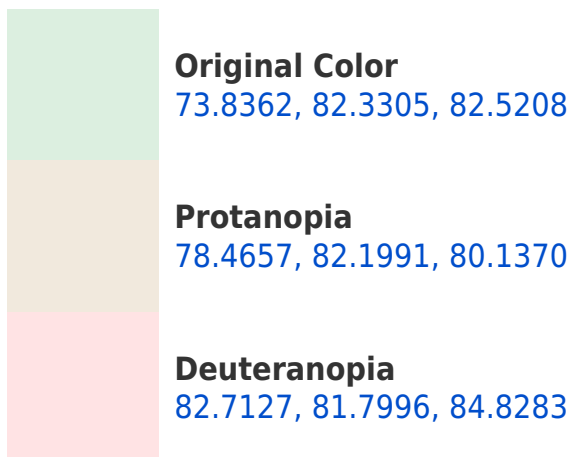
This preview shows how white text looks on a background with the XYZ color 73.8362, 82.3305,

82.5208.

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

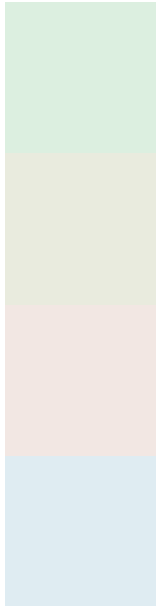




Tritanopia

78.4893, 82.5161, 104.7189

Trichromacy



Original Color

73.8362, 82.3305, 82.5208

Protanomaly

76.4974, 82.0142, 80.9057

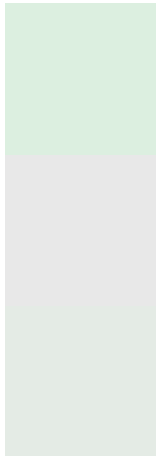
Deuteranomaly

79.0590, 81.5751, 84.2518

Tritanomaly

76.4539, 82.0897, 95.8197

Monochromacy



Original Color

73.8362, 82.3305, 82.5208

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.8461, 81.5678, 85.8754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8362, 82.3305, 82.5208 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(220, 239, 224)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 239, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 239, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.8362, 82.3305, 82.5208 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(220, 239, 224) }
```


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

```
.border{ border-color:rgb(220, 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(220, 239, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 239, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 239, 224); box-shadow:4px 4px 4px 4px rgb(220, 239, 224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8362, 82.3305, 82.5208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 239, 224) }
```

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

```
.background{ background-color: rgb(220,  
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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