

Converting Colors

XYZ(73.3602, 83.5222, 77.2206)

Have a look what the booklet for
XYZ(73.3602, 83.5222, 77.2206)
contains.

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Color

**XYZ(73.3602, 83.5222,
77.2206)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF2D8
RGB	219, 242, 216
RGB Percent	86%, 95%, 85%
CMY	0.1412, 0.0510, 0.1529
CMYK	0.10, 0.00, 0.11, 0.05
HSL	113°, 50%, 90%
HSV	113°, 11%, 95%
XYZ	73.3602, 83.5222, 77.2206
YIQ	232.1590, -5.3620, -12.9620

Conversions

Conversions Part 2

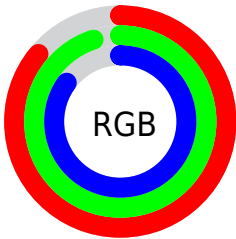
Format	Color
RYB	216, 242, 239
Decimal	14414552
CIELab	93.24, -12.23, 9.99
CIELCh	93, 15.792, 140.741
Yxy	83.5222, 0.3134, 0.3568
Android (android.graphics.Color)	4292604632 (0xFFDBF2D8)
YUV	232.1590, -7.9664, -11.5404
Hunter-Lab	91.3905, -16.6493, 13.8761

Details

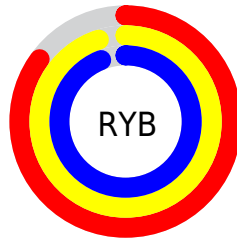
The XYZ color **73.3602, 83.5222, 77.2206** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **76.1828, 73.8755, 94.2529**, and the grayscale version is **76.8834, 80.8873, 88.0863**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3018, 45.5835, 40.4453** is the 20% darker color. If you saturate the color by 10%, you get **64.4276, 79.2549, 61.6558**, and if you desaturate by 10%, it is **83.5867, 88.4080, 95.2547**.

Distribution



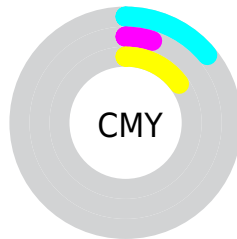
- Red (86%)
- Green (95%)
- Blue (85%)



- Red (85%)
- Yellow (95%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)





- Cyan (14%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3602, 83.5222, 77.2206 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 73.3602, 83.5222, 77.2206 by changing the saturation by 10% instead.


 73.3602, 83.5222,
77.2206

 73.3602, 83.5222,
77.2206


461.3467,
506.7252, 504.9735

 54.5600, 62.6210,
56.9213


122.9888,
138.3066, 131.2267

 39.2820, 45.5347,
40.5331


154.5479,
172.9586, 165.7706

 27.1609, 31.8788,
27.6375


191.0906,
212.9631, 205.8997

 17.8313, 21.2689,
17.8159

232.9824,
258.7043, 252.0327

 10.9279, 13.3207,
10.6498

280.5885,
310.5668, 304.5880

 6.0853, 7.6498,
5.7207

334.2744,

 2.9382, 3.8717,

368.9348, 363.9842

2.6100

394.4054,
434.1928, 430.6398

■ 1.1211, 1.6020,
0.8976

■ 0.0427, 0.3590,
0.0000

■ 73.3602, 83.5222,
77.2206

■ 73.3602, 83.5222,
77.2206

■ 64.4276, 79.2549,
61.6558

■ 83.5867, 88.4080,
95.2547

■ 56.7305, 75.5713,
48.4478

■ 91.0438, 91.9875,
107.5646

■ 50.2164, 72.4491,
37.4832

■ 44.8262, 69.8606,
28.6375

■ 40.4958, 67.7756,
21.7739

■ 37.1545, 66.1611,
16.7395

■ 34.7229, 64.9798,
13.3593

■ 33.1086, 64.1888,
11.4240

■ 32.2304, 63.7532,
10.6069

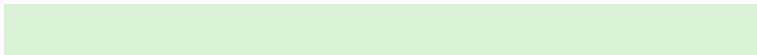
Harmonies

Analogous

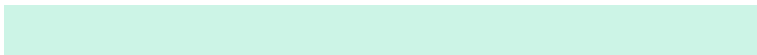
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5902, 83.5222, 71.1832



73.3602, 83.5222, 77.2206



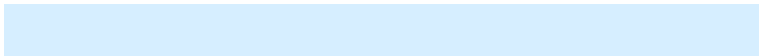
71.7604, 83.5222, 87.3107

Triad

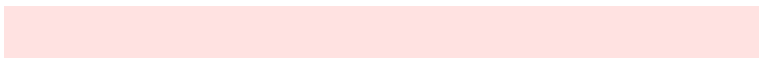
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3602, 83.5222, 77.2206



78.1072, 83.5222, 115.4375



87.0914, 83.5222, 83.0787

Complementary

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



73.3602, 83.5222, 77.2206



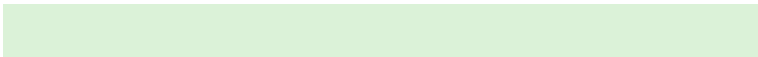
76.1828, 73.8755, 94.2529

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.



87.5321, 83.5222, 94.6716



73.3602, 83.5222, 77.2206



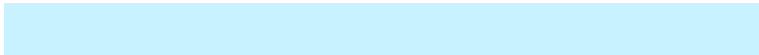
82.2477, 83.5222, 114.0544

Square

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



73.3602, 83.5222, 77.2206



74.4375, 83.5222, 109.8277



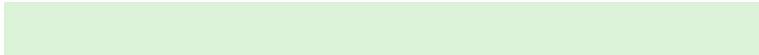
85.7317, 83.5222, 106.1984



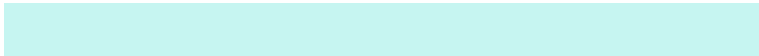
84.5477, 83.5222, 74.3549

Rectangle

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



73.3602, 83.5222, 77.2206



71.7940, 83.5222, 95.2717



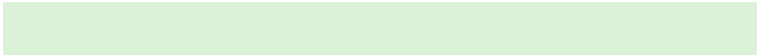
85.7317, 83.5222, 106.1984



87.4938, 83.5222, 86.7445

Sweetspot

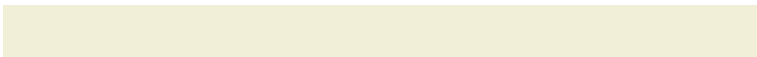
The Sweet Spot groups the original color and five complimentary colors.



73.3625, 83.5258, 77.2224



91.3964, 98.2560, 102.4273



79.8730, 85.5526, 77.2705



19.3585, 20.9334, 21.5628



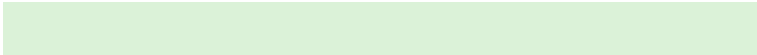
0.0000, 0.0000, 0.0000



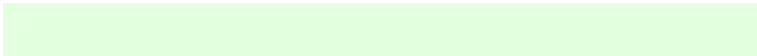
20.3446, 21.4041, 23.3091

Same Dimension

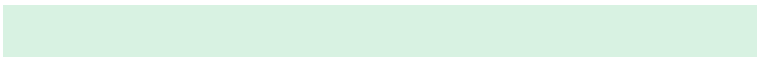
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3625, 83.5258, 77.2224



80.1866, 92.9020, 82.7075



73.7965, 83.5961, 84.1760



15.7352, 17.7437, 16.7453



17.3706, 34.2764, 5.7005



1.5000, 2.8798, 0.4768

Inverse Universe

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



76.1828, 73.8755, 94.2529



83.9786, 79.9249, 105.6086



75.7470, 73.8192, 86.6280



16.2643, 15.9335, 19.9399



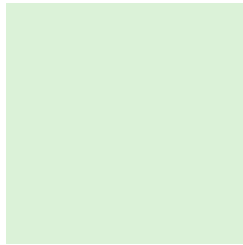
23.5959, 11.1696, 46.0402



2.0134, 0.9552, 3.8325

Previews

White Background



This preview shows how the XYZ color 73.3602, 83.5222, 77.2206 looks on a white background.

Color Contrast Check

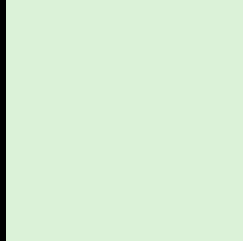
Large Text (above 18pt) WCAG AA × Fail

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 73.3602, 83.5222, 77.2206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

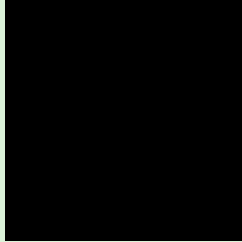
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

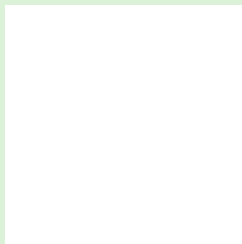
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3602, 83.5222, 77.2206

Background



This preview shows how black text looks on a background with the XYZ color 73.3602, 83.5222, 77.2206.

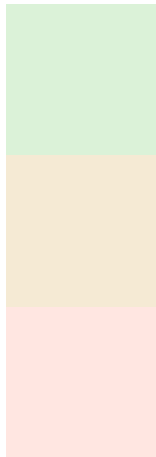


This preview shows how white text looks on a background with the XYZ color 73.3602, 83.5222,

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

73.3602, 83.5222, 77.2206

Protanopia

78.9627, 83.0116, 74.1484

Deuteranopia

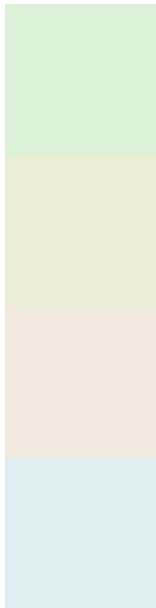
83.1274, 83.2899, 82.9294



Tritanopia

79.0968, 83.2185, 106.5017

Trichromacy



Original Color

73.3602, 83.5222, 77.2206

Protanomaly

76.8865, 83.2053, 74.9587

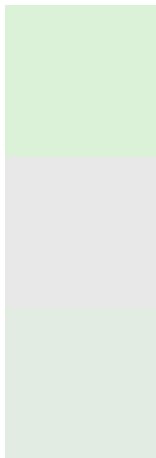
Deuteranomaly

79.2256, 82.9968, 80.9516

Tritanomaly

76.8831, 83.1879, 95.2238

Monochromacy



Original Color

73.3602, 83.5222, 77.2206

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.4015, 81.8128, 83.7689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3602, 83.5222, 77.2206 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, 242, 216) looks like.

```
.text, #text, p{  
    color:rgb(219, 242, 216)  
}
```

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, 242, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 242, 216) }
```

Border

The CSS property to change the border of an element to XYZ 73.3602, 83.5222, 77.2206 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, 242, 216) }
```


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

```
.border{ border-color:rgb(219, 242, 216) }
```

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

Here you see how a box with a 4 pixel rgb(219, 242, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 242, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 242, 216);  
box-shadow:4px 4px 4px 4px rgb(219, 242,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3602, 83.5222, 77.2206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 242, 216) }
```

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

```
.background{ background-color: rgb(219,  
242, 216) }
```

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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