

Converting Colors

XYZ(73.6258, 88.9988, 73.1924)

Have a look what the booklet for
XYZ(73.6258, 88.9988, 73.1924)
contains.

XYZ(73.3744, 88.6535, 72.9191)	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(73.3744, 88.6535,
72.9191)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FDD0
RGB	211, 253, 208
RGB Percent	83%, 99%, 82%
CMY	0.1725, 0.0078, 0.1843
CMYK	0.17, 0.00, 0.18, 0.01
HSL	116°, 92%, 90%
HSV	116°, 18%, 99%
XYZ	73.3744, 88.6535, 72.9191
YIQ	235.3120, -10.5870, -22.8990

Conversions

Conversions Part 2

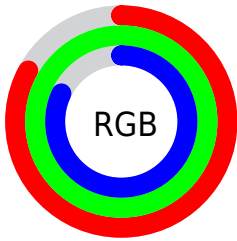
Format	Color
RYB	208, 253, 250
Decimal	13893072
CIELab	95.44, -21.65, 17.15
CIELCh	95, 27.619, 141.617
Yxy	88.6535, 0.3123, 0.3773
Android (android.graphics.Color)	4292083152 (0xFFD3FDD0)
YUV	235.3120, -13.4648, -21.3216
Hunter-Lab	94.1560, -25.6705, 19.9921

Details

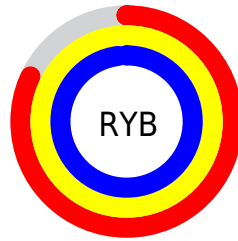
The XYZ color **73.3744, 88.6535, 72.9191** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.7135, 72.5301, 102.7315**, and the grayscale version is **79.3105, 83.4408, 90.8671**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2830, 48.8809, 37.9364** is the 20% darker color. If you saturate the color by 10%, you get **64.2315, 84.2742, 57.5182**, and if you desaturate by 10%, it is **84.0125, 93.7514, 90.9855**.

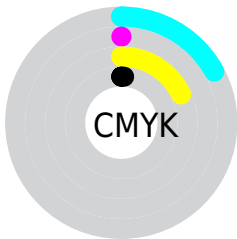
Distribution



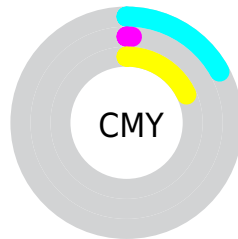
- Red (83%)
- Green (99%)
- Blue (82%)



- Red (82%)
- Yellow (99%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)





- Cyan (17%)
- Magenta (1%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3744, 88.6535, 72.9191 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 73.3744, 88.6535, 72.9191 by changing the saturation by 10% instead.


 73.3744, 88.6535,
72.9191

 73.3744, 88.6535,
72.9191


461.3951,
523.6409, 489.7976

 54.5716, 66.8644,
53.4184


123.0088,
145.4666, 125.0822

 39.2913, 48.9744,
37.7469


154.5712,
181.2594, 158.5817

 27.1682, 34.5992,
25.4860


191.1175,
222.4890, 197.5845

 17.8368, 23.3543,
16.2172

233.0131,
269.5396, 242.5092

 10.9319, 14.8553,
9.5220

280.6233,
322.7957, 293.7743

 6.0880, 8.7179,
4.9817

334.3134,

 2.9398, 4.5577,

382.6417, 351.7984

2.1780

394.4489,
449.4620, 417.0000

■ 1.1220, 1.9901,
0.6616

■ 0.0434, 0.6017,
0.0000

■ 73.3744, 88.6535,
72.9191

■ 73.3744, 88.6535,
72.9191

■ 64.2315, 84.2742,
57.5182

■ 84.0125, 93.7514,
90.9855

■ 56.5100, 80.5704,
44.6513

■ 94.4170, 98.7340,
108.6890

■ 50.1406, 77.5119,
34.1845

■ 45.0453, 75.0617,
25.9690

■ 41.1381, 73.1791,
19.8399

■ 38.3223, 71.8183,
15.6094

■ 36.4863, 70.9263,
13.0564

■ 35.4905, 70.4379,
11.8861

■ 35.3557, 70.3719,
11.7197

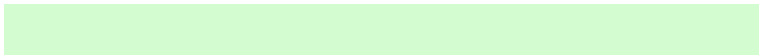
Harmonies

Analogous

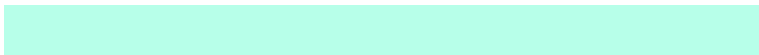
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0204, 88.6535, 62.7695



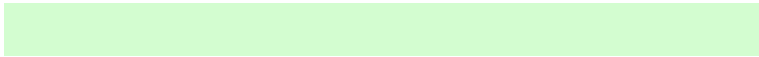
73.3744, 88.6535, 72.9191



70.6849, 88.6535, 90.5856

Triad

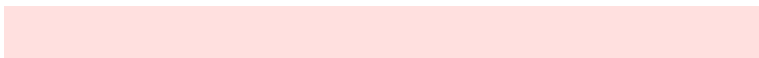
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3744, 88.6535, 72.9191



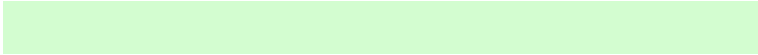
82.1610, 88.6535, 143.8468



98.5109, 88.6535, 81.9908

Complementary

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



73.3744, 88.6535, 72.9191



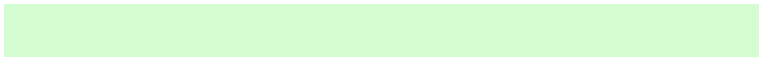
79.7135, 72.5301, 102.7315

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.



99.4762, 88.6535, 102.7260



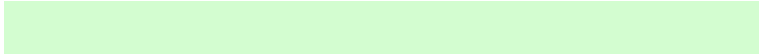
73.3744, 88.6535, 72.9191



89.7315, 88.6535, 140.6317

Square

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



73.3744, 88.6535, 72.9191



75.5555, 88.6535, 132.9751



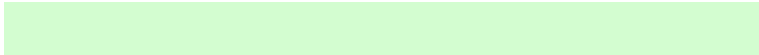
96.1777, 88.6535, 124.7524



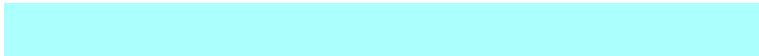
93.6139, 88.6535, 67.4361

Rectangle

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



73.3744, 88.6535, 72.9191



70.8116, 88.6535, 105.1559



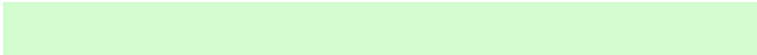
96.1777, 88.6535, 124.7524



99.3172, 88.6535, 88.3866

Sweetspot

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



73.3768, 88.6573, 72.9210



88.8212, 97.0183, 98.2464



86.0827, 93.8123, 73.2464



18.8309, 20.6795, 20.7207



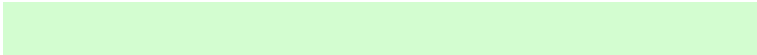
0.0000, 0.0000, 0.0000



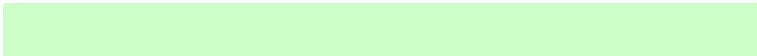
20.3446, 21.4041, 23.3091

Same Dimension

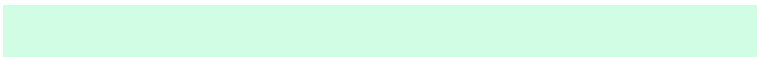
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3768, 88.6573, 72.9210



71.5377, 88.7401, 68.8944



75.0748, 89.2381, 86.3058



17.8836, 20.2259, 19.1058



18.8476, 37.4544, 6.2361



1.8725, 3.6661, 0.6089

Inverse Universe

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



79.7135, 72.5301, 102.7315



78.9809, 69.7928, 103.9164



77.8465, 71.9085, 87.2456



18.6661, 18.2351, 22.7859



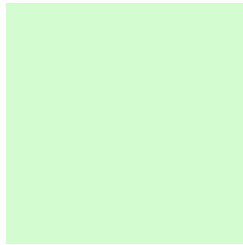
27.9076, 13.2974, 50.5303



2.7518, 1.3125, 4.9216

Previews

White Background



This preview shows how the XYZ color 73.3744, 88.6535, 72.9191 looks on a white background.

Color Contrast Check

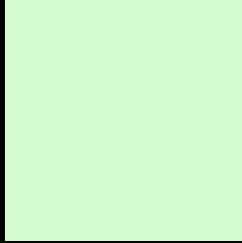
Large Text (above 18pt) WCAG AA × Fail

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 73.3744, 88.6535, 72.9191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

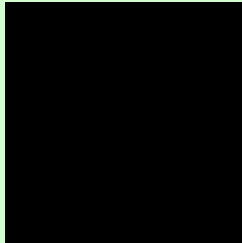
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

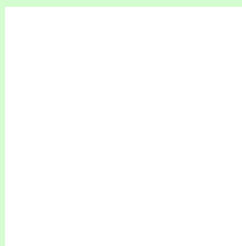
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3744, 88.6535, 72.9191

Background



This preview shows how black text looks on a background with the XYZ color 73.3744, 88.6535, 72.9191.



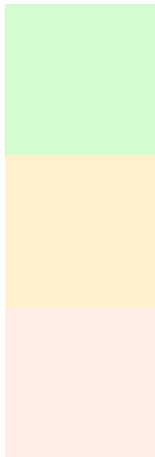
This preview shows how white text looks on a background with the XYZ color 73.3744, 88.6535,

72.9191.

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

73.3744, 88.6535, 72.9191

Protanopia

83.3560, 88.4349, 68.5534

Deuteranopia

86.2383, 88.1786, 88.0762



Tritanopia

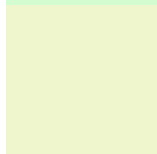
83.0338, 88.7444, 107.3608

Trichromacy



Original Color

73.3744, 88.6535, 72.9191



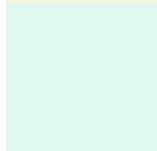
Protanomaly

79.1481, 88.0152, 69.9438



Deuteranomaly

80.9665, 87.7796, 82.4878



Tritanomaly

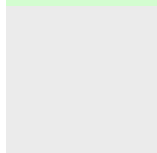
79.1248, 88.3826, 93.7781

Monochromacy



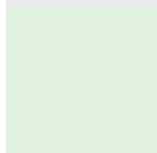
Original Color

73.3744, 88.6535, 72.9191



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.7068, 85.1093, 83.6190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3744, 88.6535, 72.9191 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(211, 253, 208)` looks like.

```
.text, #text, p{  
    color:rgb(211, 253, 208)  
}
```

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(211, 253, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 253, 208) }
```

Border

The CSS property to change the border of an element to XYZ 73.3744, 88.6535, 72.9191 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(211, 253, 208) }
```


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

```
.border{ border-color:rgb(211, 253, 208) }
```

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

Here you see how a box with a 4 pixel rgb(211, 253, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 253, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 253, 208);  
box-shadow:4px 4px 4px 4px rgb(211, 253,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3744, 88.6535, 72.9191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 253, 208) }
```

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

```
.background{ background-color: rgb(211,  
253, 208) }
```

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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