

Converting Colors

XYZ(73.2169, 89.7368, 63.0520)

Have a look what the booklet for
XYZ(73.2169, 89.7368, 63.0520)
contains.

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Color

**XYZ(73.2988, 89.7728,
63.3338)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FFC0
RGB	215, 255, 192
RGB Percent	84%, 100%, 75%
CMY	0.1569, 0.0000, 0.2470
CMYK	0.16, 0.00, 0.25, 0.00
HSL	98°, 100%, 88%
HSV	98°, 25%, 100%
XYZ	73.2988, 89.7728, 63.3338
YIQ	235.8580, -3.6170, -28.0730

Conversions

Conversions Part 2

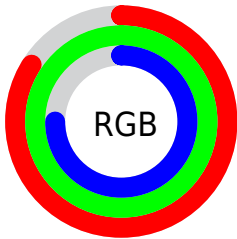
Format	Color
RYB	192, 255, 232
Decimal	14155712
CIELab	95.90, -23.82, 25.98
CIELCh	96, 35.251, 132.512
Yxy	89.7728, 0.3238, 0.3965
Android (android.graphics.Color)	4292345792 (0xFFD7FFC0)
YUV	235.8580, -21.6220, -18.2925
Hunter-Lab	94.7485, -27.7197, 26.6921

Details

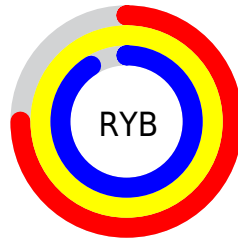
The XYZ color **73.2988, 89.7728, 63.3338** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.1792, 62.0763, 102.8908**, and the grayscale version is **79.7819, 83.9368, 91.4071**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **39.2787, 49.6967, 31.5670** is the 20% darker color. If you saturate the color by 10%, you get **66.1921, 86.4079, 49.5081**, and if you desaturate by 10%, it is **81.3668, 93.5768, 79.7623**.

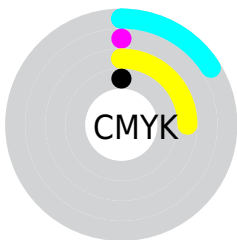
Distribution



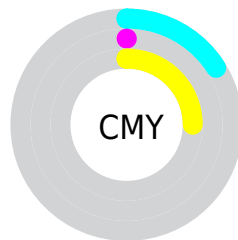
- Red (84%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2988, 89.7728, 63.3338 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 73.2988, 89.7728, 63.3338 by changing the saturation by 10% instead.


 73.2988, 89.7728,
63.3338

 73.2988, 89.7728,
63.3338


461.1375,
527.2915, 454.9212

 54.5096, 67.7922,
45.6686


 122.9022,
147.0228, 111.2412

 39.2415, 49.7287,
31.6376


154.4470,
183.0609, 142.3204

 27.1292, 35.1979,
20.8223


190.9744,
224.5538, 178.7080

 17.8074, 23.8154,
12.8042


232.8497,
271.8856, 220.8226

 10.9106, 15.1967,
7.1647

280.4384,
325.4410, 269.0826

 6.0736, 8.9576,
3.4853

334.1056,

 2.9310, 4.7135,

385.6041, 323.9067

1.3475

394.2169,
452.7595, 385.7134

■ 1.1174, 2.0802,
0.1002

■ 0.0396, 0.6534,
0.0000

■ 73.2988, 89.7728,
63.3338

■ 73.2988, 89.7728,
63.3338

■ 66.1921, 86.4079,
49.5081

■ 81.3668, 93.5768,
79.7623

■ 60.0061, 83.4639,
38.1477

■ 90.4308, 97.8349,
98.9137

■ 54.6996, 80.9229,
29.1083

■ 95.0500, 100.0000,
108.9000

■ 50.2273, 78.7649,
22.2293

■ 46.5390, 76.9682,
17.3293

■ 43.5782, 75.5081,
14.1974

■ 41.2778, 74.3557,
12.5745

■ 40.2837, 73.8521,
12.1317

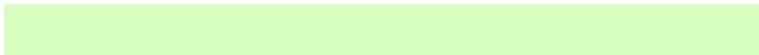
Harmonies

Analogous

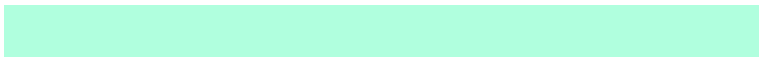
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3373, 89.7728, 54.2173



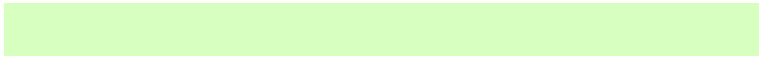
73.2988, 89.7728, 63.3338



68.6982, 89.7728, 82.5148

Triad

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



73.2988, 89.7728, 63.3338



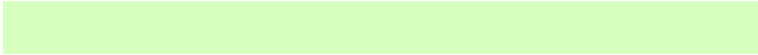
79.8272, 89.7728, 158.2705



104.9237, 89.7728, 86.5935

Complementary

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



73.2988, 89.7728, 63.3338



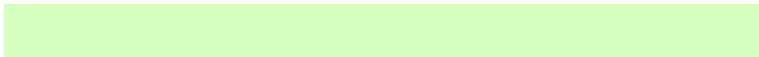
70.1792, 62.0763, 102.8908

Split Complementary

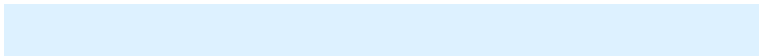
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.4420, 89.7728, 114.7478



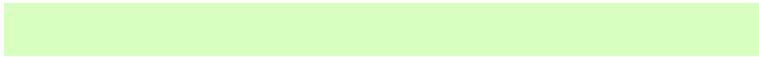
73.2988, 89.7728, 63.3338



89.4438, 89.7728, 159.9364

Square

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



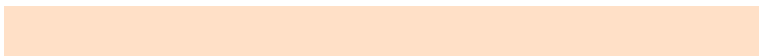
73.2988, 89.7728, 63.3338



72.2658, 89.7728, 138.6057



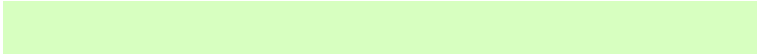
98.6025, 89.7728, 142.7988



99.8727, 89.7728, 65.8287

Rectangle

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



73.2988, 89.7728, 63.3338



67.9681, 89.7728, 100.1144



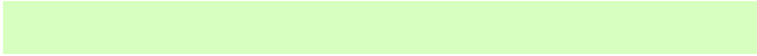
98.6025, 89.7728, 142.7988



105.4138, 89.7728, 95.4179

Sweetspot

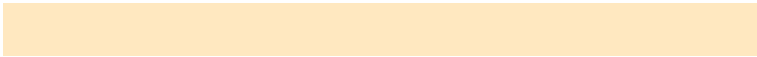
The Sweet Spot groups the original color and five complimentary colors.



73.2994, 89.7731, 63.3352



88.2606, 96.8167, 94.2714



79.5834, 82.7233, 61.6432



18.7712, 20.6663, 19.9219



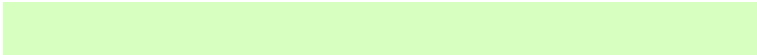
0.0000, 0.0000, 0.0000



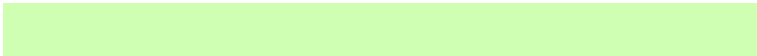
20.3446, 21.4041, 23.3091

Same Dimension

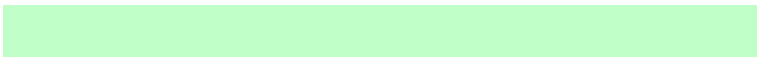
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2994, 89.7731, 63.3352



69.4189, 87.9377, 55.6981



67.9712, 86.9157, 68.0842



18.3977, 20.4909, 19.1298



21.1982, 38.6662, 6.3461



2.1790, 3.8241, 0.6233

Inverse Universe

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



70.1792, 62.0763, 102.8908



65.7712, 55.6027, 101.8736



76.8170, 65.6510, 96.2959



18.1120, 17.9495, 22.7599



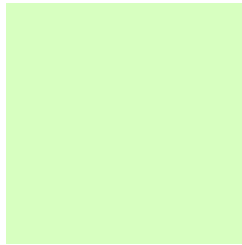
17.3770, 7.8686, 50.0375



1.8120, 0.8280, 4.8776

Previews

White Background



This preview shows how the XYZ color 73.2988, 89.7728, 63.3338 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 73.2988, 89.7728, 63.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

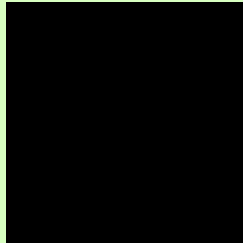
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

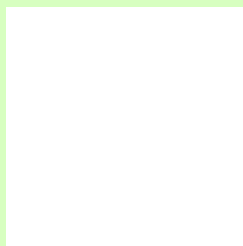
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2988, 89.7728, 63.3338

Background



This preview shows how black text looks on a background with the XYZ color 73.2988, 89.7728, 63.3338.



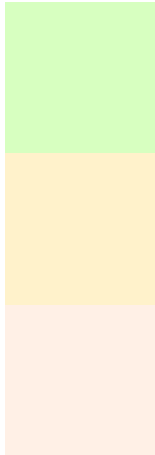
This preview shows how white text looks on a background with the XYZ color 73.2988, 89.7728, 63.3338.

63.3338.

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

73.2988, 89.7728, 63.3338

Protanopia

83.7716, 89.0761, 69.2781

Deuteranopia

86.6830, 89.2933, 87.5296



Tritanopia

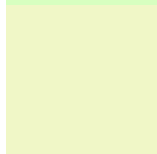
84.3324, 89.4138, 107.4215

Trichromacy



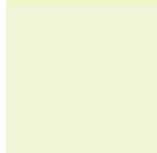
Original Color

73.2988, 89.7728, 63.3338



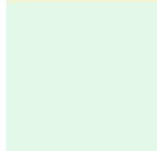
Protanomaly

79.5047, 89.1703, 67.0541



Deuteranomaly

80.9823, 88.7879, 77.8353



Tritanomaly

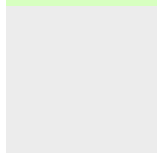
79.8114, 89.2919, 89.3725

Monochromacy



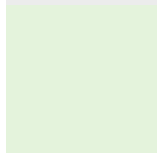
Original Color

73.2988, 89.7728, 63.3338



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

76.9638, 85.7625, 80.2075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2988, 89.7728, 63.3338 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(215, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 192)  
}
```

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(215, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 192) }
```

Border

The CSS property to change the border of an element to XYZ 73.2988, 89.7728, 63.3338 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(215, 255, 192) }
```


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

```
.border{ border-color:rgb(215, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2988, 89.7728, 63.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 192) }
```

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

```
.background{ background-color: rgb(215,  
255, 192) }
```

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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