

Converting Colors

XYZ(73.6000, 90.0361, 58.4694)

Have a look what the booklet for
XYZ(73.6000, 90.0361, 58.4694)
contains.

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Color

**XYZ(73.5207, 89.9990,
58.2963)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFFB7
RGB	219, 255, 183
RGB Percent	86%, 100%, 72%
CMY	0.1412, 0.0000, 0.2823
CMYK	0.14, 0.00, 0.28, 0.00
HSL	90°, 100%, 86%
HSV	90°, 28%, 100%
XYZ	73.5207, 89.9990, 58.2963
YIQ	236.0280, 1.6560, -30.0240

Conversions

Conversions Part 2

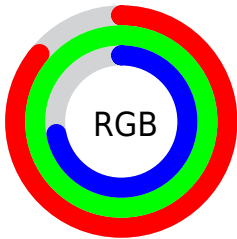
Format	Color
RYB	183, 255, 219
Decimal	14417847
CIELab	96.00, -23.76, 30.70
CIELCh	96, 38.819, 127.745
Yxy	89.9990, 0.3314, 0.4057
Android (android.graphics.Color)	4292607927 (0xFFDBFFB7)
YUV	236.0280, -26.1428, -14.9336
Hunter-Lab	94.8678, -27.6846, 29.9737

Details

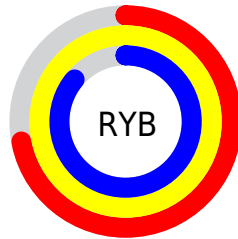
The XYZ color **73.5207, 89.9990, 58.2963** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.1978, 56.1482, 102.0618**, and the grayscale version is **79.9427, 84.1059, 91.5914**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **39.2608, 49.7597, 28.3042** is the 20% darker color. If you saturate the color by 10%, you get **67.4121, 87.1292, 45.3882**, and if you desaturate by 10%, it is **80.4050, 93.2130, 73.7532**.

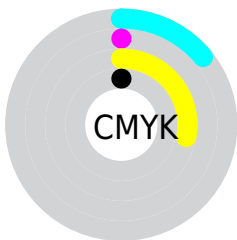
Distribution



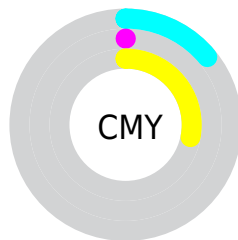
- Red (86%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5207, 89.9990, 58.2963 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 73.5207, 89.9990, 58.2963 by changing the saturation by 10% instead.


 73.5207, 89.9990,
58.2963

 73.5207, 89.9990,
58.2963

461.8934,
528.0276, 435.9182

 54.6917, 67.9798,
41.6306

 123.2153,
147.3370, 103.8733

 39.3878, 49.8813,
28.4888


154.8116,
183.4246, 133.6216

 27.2436, 35.3191,
18.4522


191.3944,
224.9705, 168.5679

 17.8938, 23.9088,
11.1023

233.3291,
272.3590, 209.1308

 10.9730, 15.2660,
6.0207

280.9810,
325.9746, 255.7287

 6.1159, 9.0063,
2.7887

334.7154,

 2.9570, 4.7453,

386.2016, 308.7802

0.9878

394.8978,
453.4245, 368.7038

■ 1.1311, 2.0986,
0.0000

■ 0.0509, 0.6638,
0.0000

■ 73.5207, 89.9990,
58.2963

■ 73.5207, 89.9990,
58.2963

■ 67.4121, 87.1292,
45.3882

■ 80.4050, 93.2130,
73.7532

■ 62.0452, 84.5894,
34.8879

■ 88.0940, 96.7835,
91.8817

■ 57.3853, 82.3647,
26.6465

95.0500, 100.0000,
108.9000

■ 53.3938, 80.4390,
20.4972

■ 50.0273, 78.7940,
16.2499

■ 47.2357, 77.4089,
13.6803

■ 44.9523, 76.2559,
12.4789

■ 44.5869, 76.0704,
12.3331

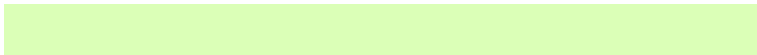
Harmonies

Analogous

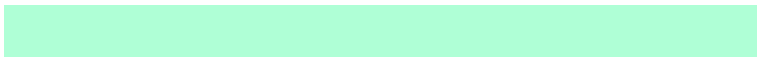
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7903, 89.9990, 50.3237



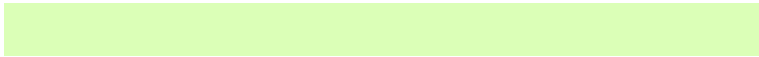
73.5207, 89.9990, 58.2963



67.8288, 89.9990, 77.2719

Triad

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



73.5207, 89.9990, 58.2963



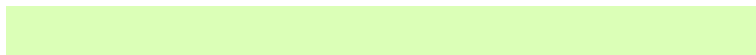
77.9616, 89.9990, 163.4987



107.6615, 89.9990, 90.2427

Complementary

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



73.5207, 89.9990, 58.2963



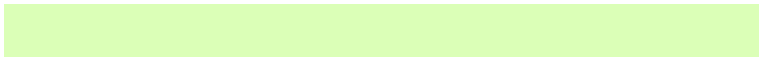
64.1978, 56.1482, 102.0618

Split Complementary

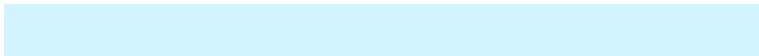
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.0967, 89.9990, 122.1236



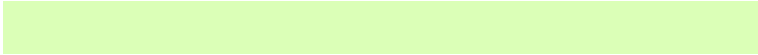
73.5207, 89.9990, 58.2963



88.3526, 89.9990, 168.9937

Square

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



73.5207, 89.9990, 58.2963



70.2393, 89.9990, 138.8062



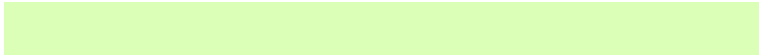
98.8056, 89.9990, 152.5485



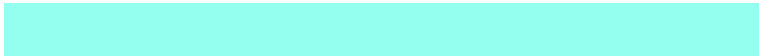
102.9185, 89.9990, 66.0852

Rectangle

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



73.5207, 89.9990, 58.2963



66.5339, 89.9990, 95.6868



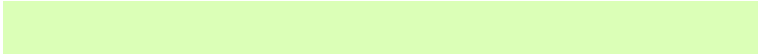
98.8056, 89.9990, 152.5485



107.8624, 89.9990, 100.3372

Sweetspot

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



73.5212, 89.9992, 58.2976



88.2841, 96.8716, 92.3396



75.1193, 75.3426, 55.3844



18.6369, 20.6143, 19.1410



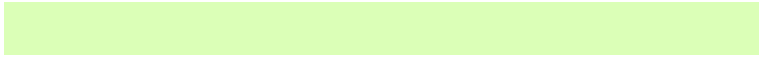
0.0000, 0.0000, 0.0000



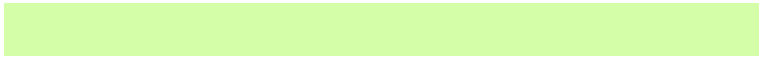
20.3446, 21.4041, 23.3091

Same Dimension

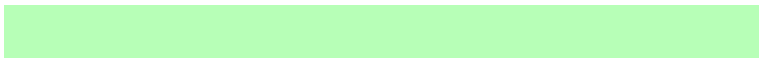
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5212, 89.9992, 58.2976



69.9063, 88.3034, 50.5523



63.8365, 85.0066, 57.8444



18.6369, 20.6143, 19.1410



23.4698, 39.8372, 6.4524



2.4111, 3.9437, 0.6341

Inverse Universe

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



64.1978, 56.1482, 102.0618



59.1588, 49.2813, 101.0020



76.2240, 62.3479, 102.6247



17.8684, 17.8239, 22.7485



14.2161, 6.2392, 49.8896



1.5101, 0.6724, 4.8635

Previews

White Background



This preview shows how the XYZ color 73.5207, 89.9990, 58.2963 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 73.5207, 89.9990, 58.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

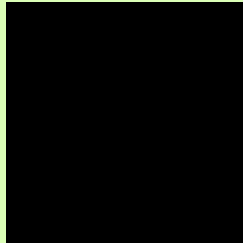
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

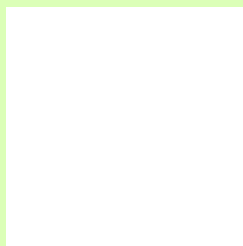
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5207, 89.9990, 58.2963

Background



This preview shows how black text looks on a background with the XYZ color 73.5207, 89.9990, 58.2963.

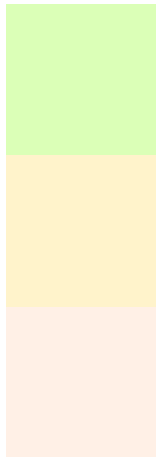


This preview shows how white text looks on a background with the XYZ color 73.5207, 89.9990,

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

73.5207, 89.9990, 58.2963

Protanopia

84.0701, 89.6730, 69.3776

Deuteranopia

86.6830, 89.2933, 87.5296



Tritanopia

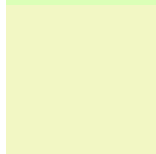
84.9928, 89.7542, 107.4524

Trichromacy



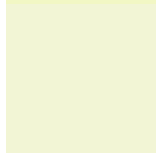
Original Color

73.5207, 89.9990, 58.2963



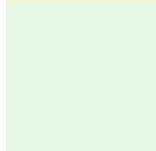
Protanomaly

79.8425, 89.3843, 65.2693



Deuteranomaly

81.2806, 88.9862, 75.8429



Tritanomaly

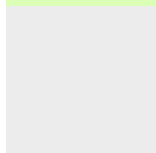
80.3434, 89.6149, 87.1916

Monochromacy



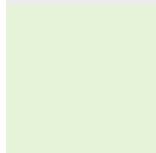
Original Color

73.5207, 89.9990, 58.2963



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.2081, 85.9339, 78.1632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5207, 89.9990, 58.2963 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, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 183)  
}
```

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, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 183) }
```

Border

The CSS property to change the border of an element to XYZ 73.5207, 89.9990, 58.2963 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, 255, 183) }
```


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

```
.border{ border-color:rgb(219, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 255, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 255, 183); box-shadow:4px 4px 4px 4px rgb(219, 255, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5207, 89.9990, 58.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 183) }
```

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

```
.background{ background-color: rgb(219,  
255, 183) }
```

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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