

Converting Colors

XYZ(73.8655, 90.1604, 59.0497)

Have a look what the booklet for
XYZ(73.8655, 90.1604, 59.0497)
contains.

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Color

**XYZ(73.9269, 90.1963,
58.8607)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFFB8
RGB	220, 255, 184
RGB Percent	86%, 100%, 72%
CMY	0.1373, 0.0000, 0.2784
CMYK	0.14, 0.00, 0.28, 0.00
HSL	90°, 100%, 86%
HSV	90°, 28%, 100%
XYZ	73.9269, 90.1963, 58.8607
YIQ	236.4410, 1.9310, -29.5010

Conversions

Conversions Part 2

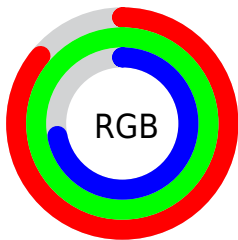
Format	Color
RYB	184, 255, 219
Decimal	14483384
CIELab	96.08, -23.27, 30.31
CIELCh	96, 38.217, 127.513
Yxy	90.1963, 0.3315, 0.4045
Android (android.graphics.Color)	4292673464 (0xFFDCFFB8)
YUV	236.4410, -25.8534, -14.4188
Hunter-Lab	94.9717, -27.2544, 29.7340

Details

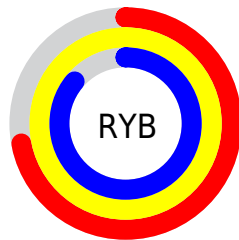
The XYZ color **73.9269, 90.1963, 58.8607** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.4050, 56.5623, 102.1309**, and the grayscale version is **80.2573, 84.4369, 91.9518**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **39.5332, 49.8924, 28.6657** is the 20% darker color. If you saturate the color by 10%, you get **67.8273, 87.3334, 45.8571**, and if you desaturate by 10%, it is **80.7954, 93.3999, 74.4179**.

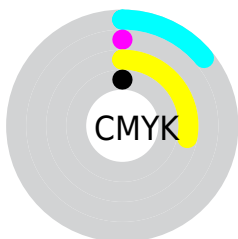
Distribution



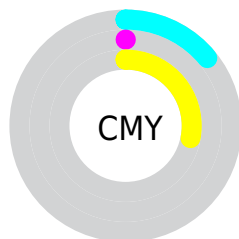
- Red (86%)
- Green (100%)
- Blue (72%)



- 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 73.9269, 90.1963, 58.8607 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 73.9269, 90.1963, 58.8607 by changing the saturation by 10% instead.


 73.9269, 90.1963,
58.8607

 73.9269, 90.1963,
58.8607


463.2752,
528.6692, 438.0730

 55.0253, 68.1435,
42.0817


 123.7882,
147.6110, 104.7023

 39.6559, 50.0145,
28.8392


155.4787,
183.7417, 134.6020

 27.4534, 35.4249,
18.7147


192.1627,
225.3338, 169.7124

 18.0523, 23.9904,
11.2896

234.2058,
272.7717, 210.4520

 11.0875, 15.3265,
6.1454

281.9732,
326.4398, 257.2393

 6.1934, 9.0488,
2.8635

335.8304,

 3.0048, 4.7730,

386.7225, 310.4928

1.0253

396.1426,
454.0042, 370.6312

■ 1.1563, 2.1147,
0.0000

■ 0.0715, 0.6729,
0.0000

■ 73.9269, 90.1963,
58.8607

■ 73.9269, 90.1963,
58.8607

■ 67.8273, 87.3334,
45.8571

■ 80.7954, 93.3999,
74.4179

■ 62.4632, 84.7969,
35.2665

■ 88.4615, 96.9563,
92.6511

■ 57.8000, 82.5724,
26.9406

95.0500, 100.0000,
108.9000

■ 53.7998, 80.6439,
20.7134

■ 50.4196, 78.9934,
16.3960

■ 47.6100, 77.6003,
13.7655

■ 45.3068, 76.4381,
12.5241

■ 44.8579, 76.2102,
12.3458

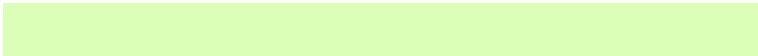
Harmonies

Analogous

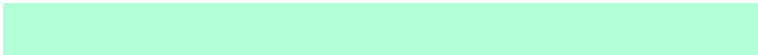
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0961, 90.1963, 51.0270



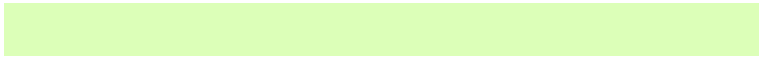
73.9269, 90.1963, 58.8607



68.2709, 90.1963, 77.5656

Triad

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



73.9269, 90.1963, 58.8607



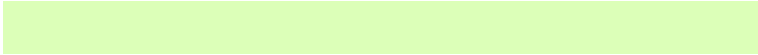
78.1803, 90.1963, 162.4833



107.5231, 90.1963, 90.7852

Complementary

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



73.9269, 90.1963, 58.8607



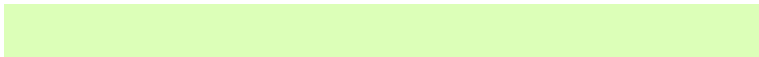
64.4050, 56.5623, 102.1309

Split Complementary

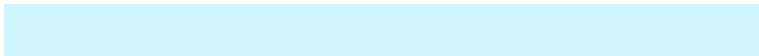
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.9350, 90.1963, 122.2228



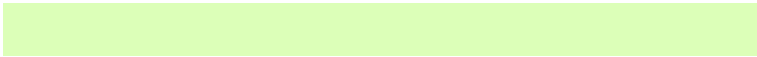
73.9269, 90.1963, 58.8607



88.4166, 90.1963, 168.0433

Square

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



73.9269, 90.1963, 58.8607



70.5820, 90.1963, 138.1348



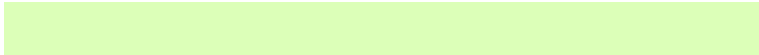
98.7245, 90.1963, 152.0574



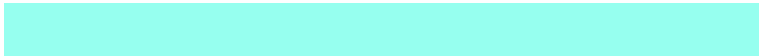
102.9012, 90.1963, 66.8282

Rectangle

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



73.9269, 90.1963, 58.8607



66.9667, 90.1963, 95.7015



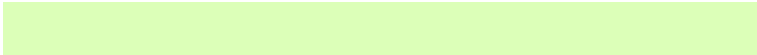
98.7245, 90.1963, 152.0574



107.7040, 90.1963, 100.7587

Sweetspot

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



73.9274, 90.1965, 58.8620



88.3341, 96.8974, 92.3420



75.0459, 75.0287, 55.8754



18.6495, 20.6208, 19.1416



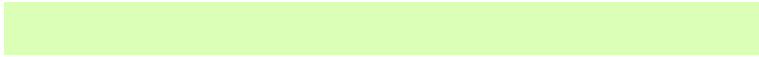
0.0000, 0.0000, 0.0000



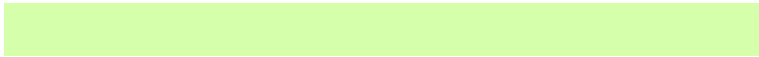
20.3446, 21.4041, 23.3091

Same Dimension

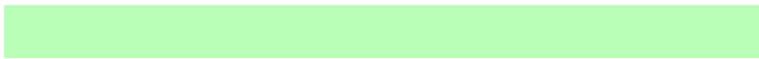
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9274, 90.1965, 58.8620



70.6872, 88.6781, 51.8441



64.4644, 85.3182, 58.4192



18.6495, 20.6208, 19.1416



23.6120, 39.9105, 6.4590



2.4251, 3.9509, 0.6348

Inverse Universe

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



64.4050, 56.5623, 102.1309



59.8321, 50.3358, 101.1700



75.9970, 62.5383, 102.6734



17.8558, 17.8174, 22.7479



14.0763, 6.1671, 49.8830



1.4963, 0.6653, 4.8628

Previews

White Background



This preview shows how the XYZ color 73.9269, 90.1963, 58.8607 looks on a white background.

Color Contrast Check

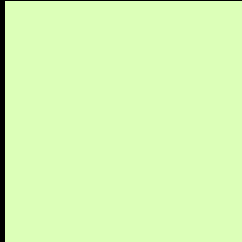
Large Text (above 18pt) WCAG AA × Fail

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 73.9269, 90.1963, 58.8607 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

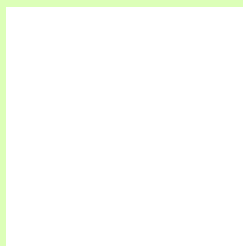
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9269, 90.1963, 58.8607

Background



This preview shows how black text looks on a background with the XYZ color 73.9269, 90.1963, 58.8607.

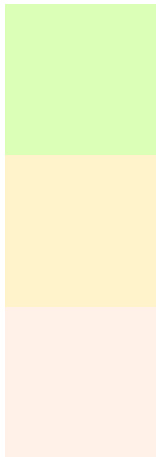


This preview shows how white text looks on a background with the XYZ color 73.9269, 90.1963,

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

73.9269, 90.1963, 58.8607

Protanopia

84.1897, 89.7208, 70.0073

Deuteranopia

87.1191, 89.9401, 88.3698



Tritanopia

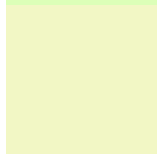
85.3257, 89.9259, 107.4680

Trichromacy



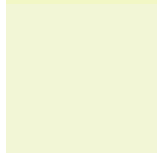
Original Color

73.9269, 90.1963, 58.8607



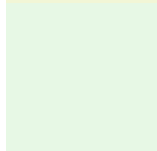
Protanomaly

79.9568, 89.4300, 65.8709



Deuteranomaly

81.7113, 89.6438, 76.6147



Tritanomaly

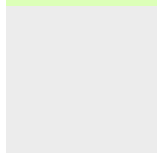
80.6653, 89.7809, 87.2067

Monochromacy



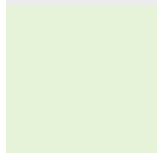
Original Color

73.9269, 90.1963, 58.8607



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 73.9269, 90.1963, 58.8607 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, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 184)  
}
```

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, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 184) }
```

Border

The CSS property to change the border of an element to XYZ 73.9269, 90.1963, 58.8607 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, 255, 184) }
```


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

```
.border{ border-color:rgb(220, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9269, 90.1963, 58.8607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 184) }
```

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

```
.background{ background-color: rgb(220,  
255, 184) }
```

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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