

Converting Colors

XYZ(73.8363, 90.1252, 59.9587)

Have a look what the booklet for
XYZ(73.8363, 90.1252, 59.9587)
contains.

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Color

**XYZ(73.8363, 90.1252,
59.9587)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFFBA
RGB	219, 255, 186
RGB Percent	86%, 100%, 73%
CMY	0.1412, 0.0000, 0.2706
CMYK	0.14, 0.00, 0.27, 0.00
HSL	91°, 100%, 86%
HSV	91°, 27%, 100%
XYZ	73.8363, 90.1252, 59.9587
YIQ	236.3700, 0.6930, -29.0910

Conversions

Conversions Part 2

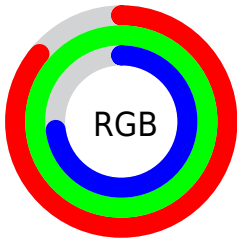
Format	Color
RYB	186, 255, 222
Decimal	14417850
CIELab	96.05, -23.33, 29.26
CIELCh	96, 37.421, 128.573
Yxy	90.1252, 0.3297, 0.4025
Android (android.graphics.Color)	4292607930 (0xFFDBFFBA)
YUV	236.3700, -24.8324, -15.2335
Hunter-Lab	94.9343, -27.3045, 29.0076

Details

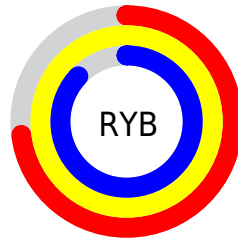
The XYZ color **73.8363, 90.1252, 59.9587** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.7341, 57.8687, 102.3129**, and the grayscale version is **80.1958, 84.3723, 91.8814**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **39.4632, 49.8406, 29.3701** is the 20% darker color. If you saturate the color by 10%, you get **67.5185, 87.1540, 46.7524**, and if you desaturate by 10%, it is **80.9589, 93.4553, 75.7304**.

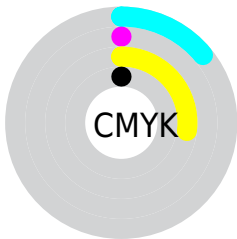
Distribution



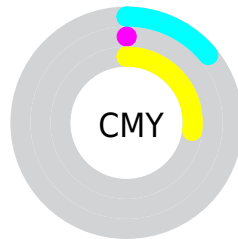
- Red (86%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8363, 90.1252, 59.9587 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 73.8363, 90.1252, 59.9587 by changing the saturation by 10% instead.


 73.8363, 90.1252,
59.9587

 73.8363, 90.1252,
59.9587


462.9672,
528.4380, 442.2459

 54.9509, 68.0845,
42.9603


 123.6605,
147.5123, 106.3125

 39.5961, 49.9665,
29.5228


155.3299,
183.6275, 136.5050

 27.4066, 35.3868,
19.2277


191.9914,
225.2029, 171.9326

 18.0170, 23.9610,
11.6564

234.0104,
272.6230, 213.0138

 11.0619, 15.3047,
6.3905

281.7520,
326.2722, 260.1672

 6.1761, 9.0335,
3.0113

335.5818,

 2.9941, 4.7630,

386.5348, 313.8114

1.1004

395.8651,
453.7953, 374.3648

■ 1.1507, 2.1089,
0.0000

■ 0.0669, 0.6696,
0.0000

■ 73.8363, 90.1252,
59.9587

■ 73.8363, 90.1252,
59.9587

■ 67.5185, 87.1540,
46.7524

■ 80.9589, 93.4553,
75.7304

■ 61.9708, 84.5270,
35.9717

■ 88.9157, 97.1569,
94.1894

■ 57.1580, 82.2290,
27.4695

95.0500, 100.0000,
108.9000

■ 53.0406, 80.2436,
21.0810

■ 49.5751, 78.5522,
16.6195

■ 46.7110, 77.1337,
13.8654

■ 44.3859, 75.9621,
12.5382

■ 43.7796, 75.6542,
12.2953

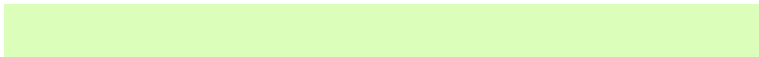
Harmonies

Analogous

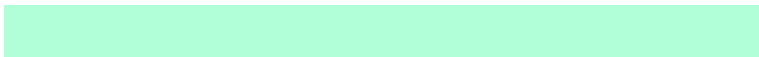
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7272, 90.1252, 51.8539



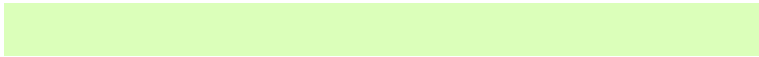
73.8363, 90.1252, 59.9587



68.4307, 90.1252, 78.7382

Triad

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



73.8363, 90.1252, 59.9587



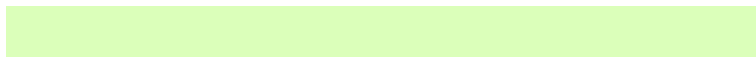
78.5912, 90.1252, 161.3623



106.8975, 90.1252, 89.8733

Complementary

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



73.8363, 90.1252, 59.9587



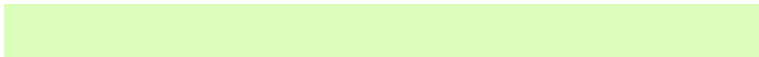
65.7341, 57.8687, 102.3129

Split Complementary

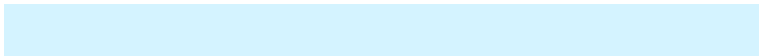
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.5657, 90.1252, 120.4722



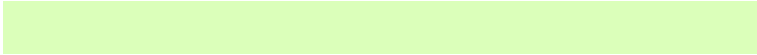
73.8363, 90.1252, 59.9587



88.6639, 90.1252, 166.0094

Square

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



73.8363, 90.1252, 59.9587



71.0181, 90.1252, 138.1543



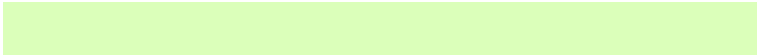
98.6859, 90.1252, 149.8068



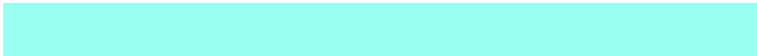
102.1905, 90.1252, 66.6965

Rectangle

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



73.8363, 90.1252, 59.9587



67.2579, 90.1252, 96.7178



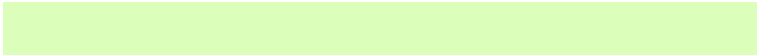
98.6859, 90.1252, 149.8068



107.1484, 90.1252, 99.5580

Sweetspot

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



73.8368, 90.1254, 59.9600



88.1297, 96.7920, 92.3324



76.1319, 76.8627, 57.2791



18.5981, 20.5942, 19.1392



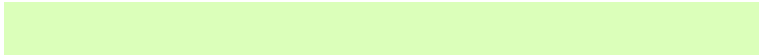
0.0000, 0.0000, 0.0000



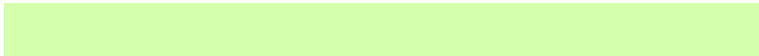
20.3446, 21.4041, 23.3091

Same Dimension

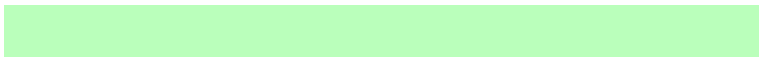
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8368, 90.1254, 59.9600



70.6158, 88.6130, 53.1206



64.9962, 85.5538, 60.1871



18.5981, 20.5942, 19.1392



23.0458, 39.6186, 6.4325



2.3691, 3.9221, 0.6322

Inverse Universe

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



65.7341, 57.8687, 102.3129



61.3818, 51.8558, 101.3817



76.6648, 63.5250, 101.8609



17.9074, 17.8440, 22.7504



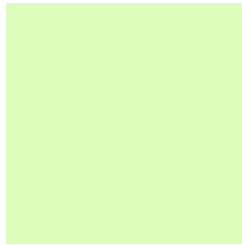
14.6632, 6.4696, 49.9105



1.5539, 0.6950, 4.8655

Previews

White Background



This preview shows how the XYZ color 73.8363, 90.1252, 59.9587 looks on a white background.

Color Contrast Check

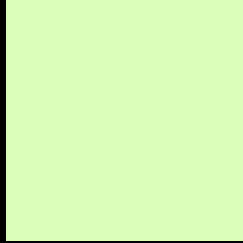
Large Text (above 18pt) WCAG AA × Fail

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 73.8363, 90.1252, 59.9587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

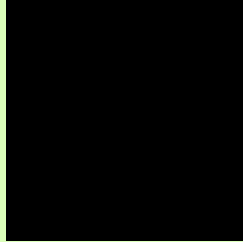
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

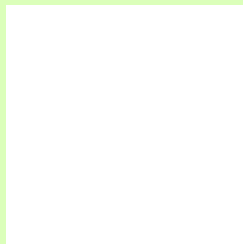
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8363, 90.1252, 59.9587

Background



This preview shows how black text looks on a background with the XYZ color 73.8363, 90.1252, 59.9587.

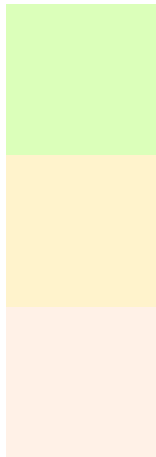


This preview shows how white text looks on a background with the XYZ color 73.8363, 90.1252,

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

73.8363, 90.1252, 59.9587

Protanopia

84.1897, 89.7208, 70.0073

Deuteranopia

87.1191, 89.9401, 88.3698



Tritanopia

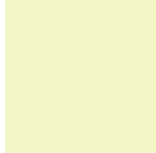
84.9928, 89.7542, 107.4524

Trichromacy



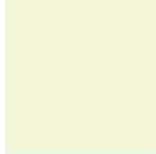
Original Color

73.8363, 90.1252, 59.9587



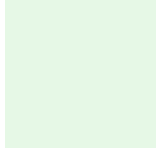
Protanomaly

79.9568, 89.4300, 65.8709



Deuteranomaly

81.8395, 89.6951, 77.2895



Tritanomaly

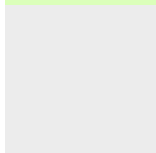
80.4835, 89.6710, 87.9292

Monochromacy



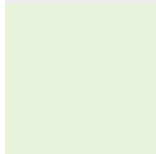
Original Color

73.8363, 90.1252, 59.9587



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.3386, 85.9861, 78.8505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8363, 90.1252, 59.9587 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 186) }
```

Border

The CSS property to change the border of an element to XYZ 73.8363, 90.1252, 59.9587 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, 186) }
```


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

```
.border{ border-color:rgb(219, 255, 186) }
```

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, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8363, 90.1252, 59.9587 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, 186) }
```

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

```
.background{ background-color: rgb(219,  
255, 186) }
```

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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