

Converting Colors

XYZ(76.0779, 91.3116, 58.9655)

Have a look what the booklet for
XYZ(76.0779, 91.3116, 58.9655)
contains.

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Color

**XYZ(76.0903, 91.3116,
58.9619)**

Conversions

Conversions Part 1

Format	Color
Hex	E3FFB8
RGB	227, 255, 184
RGB Percent	89%, 100%, 72%
CMY	0.1098, 0.0000, 0.2784
CMYK	0.11, 0.00, 0.28, 0.00
HSL	84°, 100%, 86%
HSV	84°, 28%, 100%
XYZ	76.0903, 91.3116, 58.9619
YIQ	238.5340, 6.1030, -28.0170

Conversions

Conversions Part 2

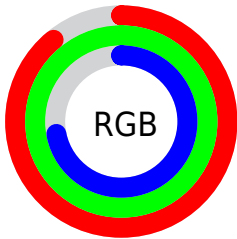
Format	Color
RYB	184, 255, 212
Decimal	14942136
CIELab	96.54, -20.81, 31.01
CIELCh	97, 37.350, 123.864
Yxy	91.3116, 0.3361, 0.4034
Android (android.graphics.Color)	4293132216 (0xFFE3FFB8)
YUV	238.5340, -26.8853, -10.1153
Hunter-Lab	95.5571, -25.0888, 30.3061

Details

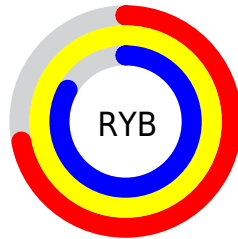
The XYZ color **76.0903, 91.3116, 58.9619** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.3428, 55.4993, 102.0343**, and the grayscale version is **81.8801, 86.1443, 93.8111**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **41.0179, 50.6578, 28.7352** is the 20% darker color. If you saturate the color by 10%, you get **70.5736, 88.7491, 45.9856**, and if you desaturate by 10%, it is **82.2751, 94.1627, 74.4871**.

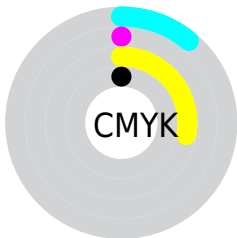
Distribution



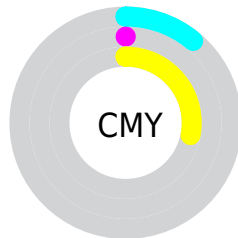
- Red (89%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0903, 91.3116, 58.9619 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 76.0903, 91.3116, 58.9619 by changing the saturation by 10% instead.


 76.0903, 91.3116,
58.9619

 76.0903, 91.3116,
58.9619

470.5964,
532.2883, 438.4587

 56.8039, 69.0690,
42.1626


 126.8342,
149.1589, 104.8509

 41.0873, 50.7679,
28.9021


159.0224,
185.5324, 134.7777

 28.5753, 36.0239,
18.7619


196.2419,
227.3850, 169.9174

 18.9024, 24.4527,
11.3233

238.8581,
275.1011, 210.6885

 11.7034, 15.6698,
6.1678

287.2363,
329.0651, 257.5097

 6.6128, 9.2908,
2.8770

341.7418,

 3.2653, 4.9313,

389.6614, 310.7994

1.0322

402.7401,
457.2743, 370.9762

■ 1.2956, 2.2070,
0.0000

■ 0.1799, 0.7238,
0.0000

■ 76.0903, 91.3116,
58.9619

■ 76.0903, 91.3116,
58.9619

■ 70.5736, 88.7491,
45.9856

■ 82.2751, 94.1627,
74.4871

■ 65.6946, 86.4628,
35.4177

■ 89.1536, 97.3131,
92.6835

■ 61.4222, 84.4397,
27.1101

95.0500, 100.0000,
108.9000

■ 57.7216, 82.6657,
20.8969

■ 54.5536, 81.1246,
16.5895

■ 51.8724, 79.7977,
13.9650

■ 49.6180, 78.6606,
12.7259

■ 49.1695, 78.4329,
12.5476

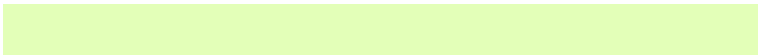
Harmonies

Analogous

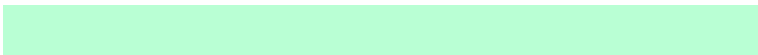
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.4449, 91.3116, 52.4358



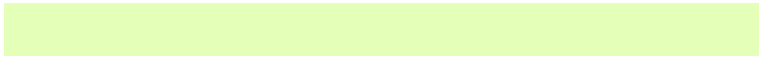
76.0903, 91.3116, 58.9619



70.0065, 91.3116, 76.2153

Triad

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



76.0903, 91.3116, 58.9619



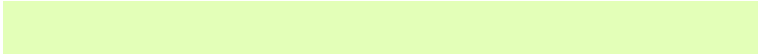
78.2540, 91.3116, 160.3880



108.3670, 91.3116, 95.6036

Complementary

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



76.0903, 91.3116, 58.9619



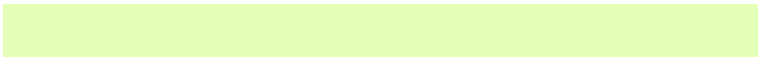
62.3428, 55.4993, 102.0343

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.



106.0596, 91.3116, 126.9195



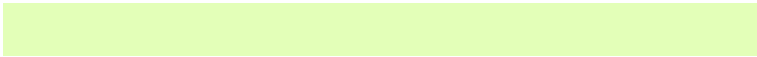
76.0903, 91.3116, 58.9619



88.1470, 91.3116, 168.4137

Square

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



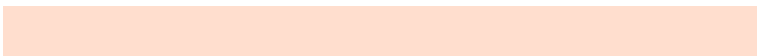
76.0903, 91.3116, 58.9619



71.1837, 91.3116, 134.9703



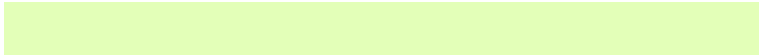
98.4462, 91.3116, 155.1246



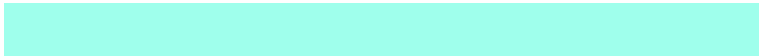
104.5228, 91.3116, 70.7387

Rectangle

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



76.0903, 91.3116, 58.9619



68.3431, 91.3116, 93.4113



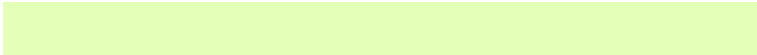
98.4462, 91.3116, 155.1246



108.2867, 91.3116, 105.6869

Sweetspot

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



76.0907, 91.3118, 58.9632



89.0395, 97.2610, 92.3750



73.2405, 71.4178, 55.2735



18.8273, 20.7124, 19.1499



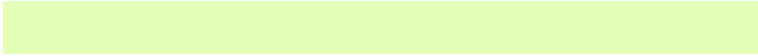
0.0000, 0.0000, 0.0000



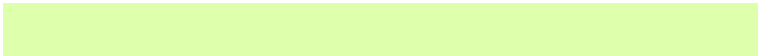
20.3446, 21.4041, 23.3091

Same Dimension

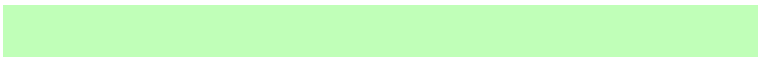
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0907, 91.3118, 58.9632



73.1636, 89.9548, 51.9600



66.2226, 86.2246, 58.5014



18.8273, 20.7124, 19.1499



25.8648, 41.0719, 6.5644



2.6413, 4.0624, 0.6449

Inverse Universe

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



62.3428, 55.4993, 102.0343



57.4964, 49.1317, 101.0607



73.4490, 61.2247, 102.5541



17.6807, 17.7271, 22.7398



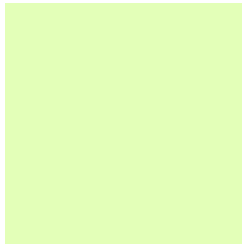
12.3664, 5.2856, 49.8030



1.3227, 0.5758, 4.8547

Previews

White Background



This preview shows how the XYZ color 76.0903, 91.3116, 58.9619 looks on a white background.

Color Contrast Check

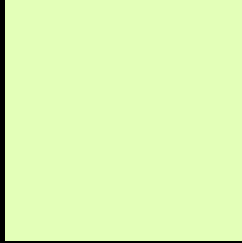
Large Text (above 18pt) WCAG AA × Fail

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 76.0903, 91.3116, 58.9619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

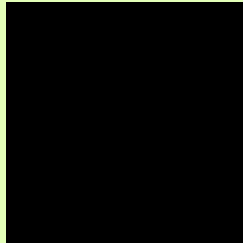
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

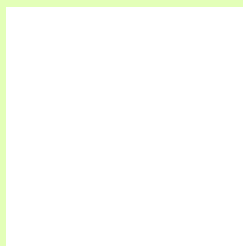
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0903, 91.3116, 58.9619

Background



This preview shows how black text looks on a background with the XYZ color 76.0903, 91.3116, 58.9619.

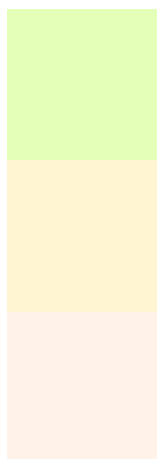


This preview shows how white text looks on a background with the XYZ color 76.0903, 91.3116,

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

76.0903, 91.3116, 58.9619

Protanopia

85.6503, 91.2680, 74.7302

Deuteranopia

87.7001, 90.6475, 89.9652



Tritanopia

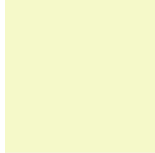
86.9780, 91.2256, 107.6318

Trichromacy



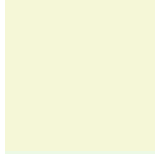
Original Color

76.0903, 91.3116, 58.9619



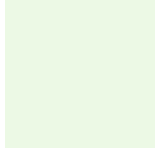
Protanomaly

82.0745, 91.3809, 68.5708



Deuteranomaly

83.1827, 90.8403, 77.4397



Tritanomaly

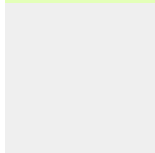
82.6106, 91.2414, 87.3860

Monochromacy



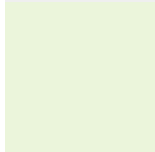
Original Color

76.0903, 91.3116, 58.9619



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

79.6995, 88.0815, 79.8186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0903, 91.3116, 58.9619 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(227, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 184) }
```

Border

The CSS property to change the border of an element to XYZ 76.0903, 91.3116, 58.9619 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(227, 255, 184) }
```


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

```
.border{ border-color:rgb(227, 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(227, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 255, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 255, 184); box-shadow:4px 4px 4px 4px rgb(227, 255, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0903, 91.3116, 58.9619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 184) }
```

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

```
.background{ background-color: rgb(227,  
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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