

Converting Colors

XYZ(81.0528, 93.5395, 74.1175)

Have a look what the booklet for
XYZ(81.0528, 93.5395, 74.1175)
contains.

XYZ(81.2003, 93.6159, 74.1116)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.2003, 93.6159,
74.1116)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFFD1
RGB	234, 255, 209
RGB Percent	92%, 100%, 82%
CMY	0.0823, 0.0000, 0.1804
CMYK	0.08, 0.00, 0.18, 0.00
HSL	87°, 100%, 91%
HSV	87°, 18%, 100%
XYZ	81.2003, 93.6159, 74.1116
YIQ	243.4770, 2.2500, -18.7580

Conversions

Conversions Part 2

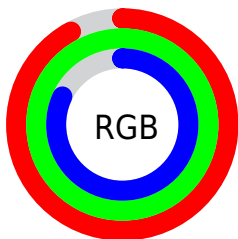
Format	Color
R_{YB}	209, 255, 230
Decimal	15400913
CIE _{Lab}	97.48, -14.69, 19.72
CIE _{LCh}	97, 24.591, 126.683
Yxy	93.6159, 0.3262, 0.3761
Android (android.graphics.Color)	4293590993 (0xFFEAFD1)
YUV	243.4770, -16.9972, -8.3113
Hunter-Lab	96.7553, -19.5186, 22.3144

Details

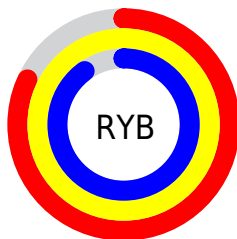
The XYZ color **81.2003, 93.6159, 74.1116** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.4845, 69.6452, 104.1776**, and the grayscale version is **85.7008, 90.1639, 98.1885**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3869, 52.1862, 38.3054** is the 20% darker color. If you saturate the color by 10%, you get **74.5941, 90.5463, 58.6199**, and if you desaturate by 10%, it is **88.5642, 97.0176, 92.2791**.

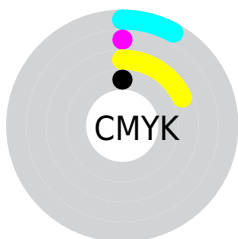
Distribution



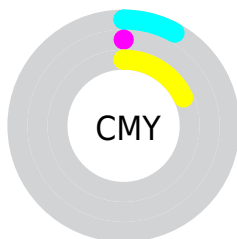
- Red (92%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (90%)



- Cyan (8%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.2003, 93.6159, 74.1116 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 81.2003, 93.6159, 74.1116 by changing the saturation by 10% instead.


 81.2003, 93.6159,
74.1116

 81.2003, 93.6159,
74.1116


487.6439,
539.7244, 494.0322

 61.0184, 70.9835,
54.3880

133.9937,
152.3510, 126.7895

 44.4926, 52.3288,
38.5167


167.3359,
189.2226, 160.5809

 31.2576, 37.2672,
26.0790


205.7956,
231.6093, 199.8987

 20.9478, 25.4144,
16.6565

249.7381,
279.8956, 245.1614

 13.1981, 16.3861,
9.8305

299.5289,
334.4658, 296.7876

 7.6431, 9.7978,
5.1826

355.5332,

 3.9173, 5.2651,

395.7045, 355.1957

2.2942

418.1164,
463.9958, 420.8044

■ 1.6554, 2.4036,
0.7280

■ 0.4281, 0.8278,
0.0000

■ 81.2003, 93.6159,
74.1116

■ 81.2003, 93.6159,
74.1116

■ 74.5941, 90.5463,
58.6199

■ 88.5642, 97.0176,
92.2791

■ 68.7150, 87.7960,
45.6734

95.0500, 100.0000,
108.9000

■ 63.5329, 85.3524,
35.1365

■ 59.0142, 83.2014,
26.8596

■ 55.1221, 81.3278,
20.6763

■ 51.8153, 79.7143,
16.3971

■ 49.0456, 78.3412,
13.7986

■ 46.7498, 77.1823,
12.5773

■ 46.3385, 76.9734,
12.4151

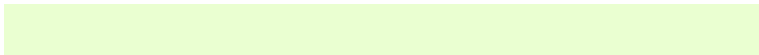
Harmonies

Analogous

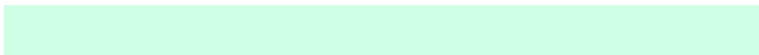
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4263, 93.6159, 68.3254



81.2003, 93.6159, 74.1116



77.2151, 93.6159, 87.4632

Triad

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



81.2003, 93.6159, 74.1116



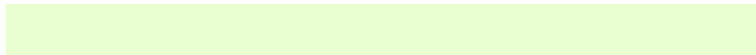
83.7722, 93.6159, 141.4582



102.9848, 93.6159, 97.5237

Complementary

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



81.2003, 93.6159, 74.1116



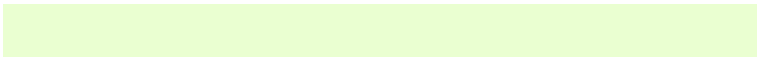
73.4845, 69.6452, 104.1776

Split Complementary

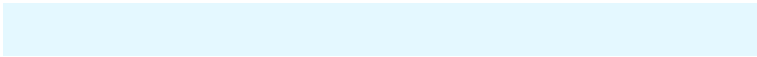
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.8811, 93.6159, 117.9140



81.2003, 93.6159, 74.1116



90.5502, 93.6159, 145.0688

Square

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



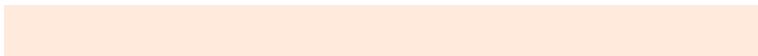
81.2003, 93.6159, 74.1116



78.6448, 93.6159, 126.6596



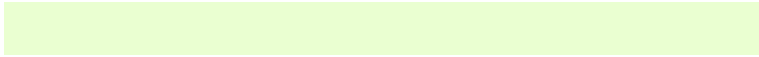
97.2395, 93.6159, 135.9655



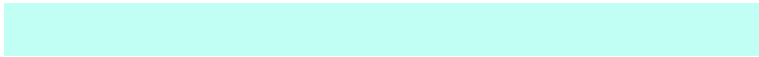
100.1812, 93.6159, 80.6520

Rectangle

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



81.2003, 93.6159, 74.1116



76.2425, 93.6159, 99.7244



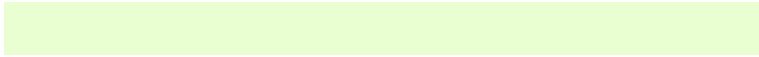
97.2395, 93.6159, 135.9655



103.0606, 93.6159, 104.1715

Sweetspot

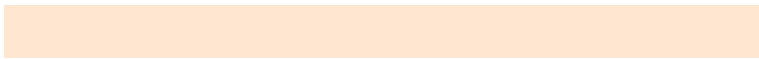
The Sweet Spot groups the original color and five complimentary colors.



81.2009, 93.6161, 74.1130



90.9555, 98.1185, 98.3463



80.9626, 82.2910, 71.9396



19.3485, 20.9463, 20.7449



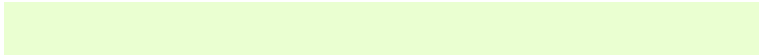
0.0000, 0.0000, 0.0000



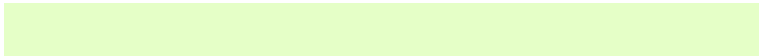
20.3446, 21.4041, 23.3091

Same Dimension

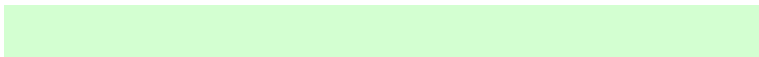
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2009, 93.6161, 74.1130



78.4946, 92.3610, 67.6623



74.2195, 90.0171, 73.7863



18.7150, 20.6545, 19.1447



24.3873, 40.3102, 6.4953



2.5005, 3.9898, 0.6383

Inverse Universe

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



73.4845, 69.6452, 104.1776



69.3495, 63.9499, 103.2962



81.2499, 73.6484, 104.5410



17.7908, 17.7839, 22.7449



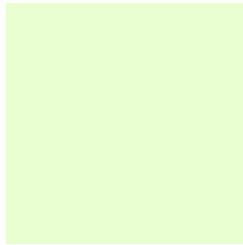
13.3910, 5.8138, 49.8510



1.4279, 0.6300, 4.8596

Previews

White Background



This preview shows how the XYZ color 81.2003, 93.6159, 74.1116 looks on a white background.

Color Contrast Check

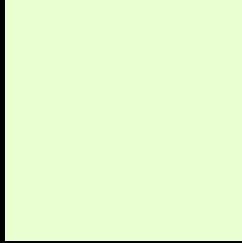
Large Text (above 18pt) WCAG AA × Fail

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 81.2003, 93.6159, 74.1116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

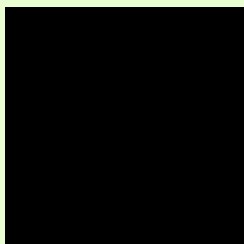
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

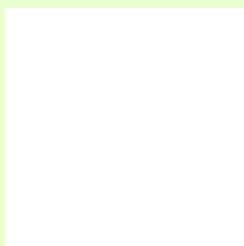
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.2003, 93.6159, 74.1116

Background



This preview shows how black text looks on a background with the XYZ color 81.2003, 93.6159, 74.1116.



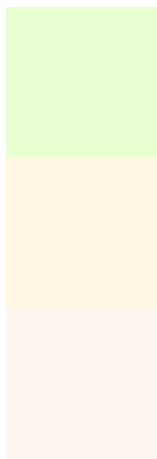
This preview shows how white text looks on a background with the XYZ color 81.2003, 93.6159,

74.1116.

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

81.2003, 93.6159, 74.1116

Protanopia

88.2282, 93.2725, 85.3048

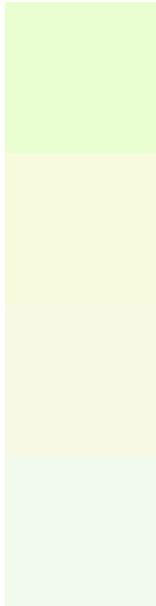
Deuteranopia

90.0730, 93.5224, 96.5234

Tritanopia

89.3168, 93.3344, 107.9156

Trichromacy



Original Color

81.2003, 93.6159, 74.1116

Protanomaly

85.4616, 93.3127, 81.2170

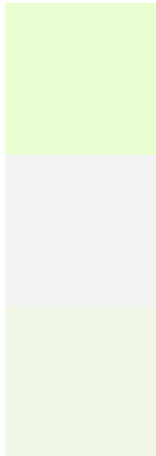
Deuteranomaly

86.3763, 93.1827, 87.5623

Tritanomaly

86.2362, 93.4215, 94.3759

Monochromacy



Original Color

81.2003, 93.6159, 74.1116

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

83.6197, 90.8163, 88.7234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2003, 93.6159, 74.1116 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(234, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 209)  
}
```

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(234, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 209) }
```

Border

The CSS property to change the border of an element to XYZ 81.2003, 93.6159, 74.1116 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(234, 255, 209) }
```


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

```
.border{ border-color:rgb(234, 255, 209) }
```

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

Here you see how a box with a 4 pixel rgb(234, 255, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2003, 93.6159, 74.1116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 209) }
```

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

```
.background{ background-color: rgb(234,  
255, 209) }
```

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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