

Converting Colors

XYZ(98.1715, 134.7648,
71.9995)

Have a look what the booklet for
XYZ(98.1715, 134.7648, 71.9995)
contains.

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Color

**XYZ(76.5489, 91.4226,
64.6507)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FFC2
RGB	225, 255, 194
RGB Percent	88%, 100%, 76%
CMY	0.1176, 0.0000, 0.2392
CMYK	0.12, 0.00, 0.24, 0.00
HSL	90°, 100%, 88%
HSV	90°, 24%, 100%
XYZ	76.5489, 91.4226, 64.6507
YIQ	239.0760, 1.7010, -25.3310

Conversions

Conversions Part 2

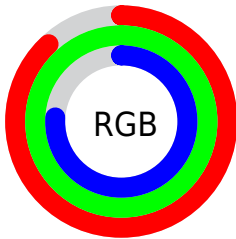
Format	Color
RYB	194, 255, 224
Decimal	14811074
CIELab	96.58, -20.08, 26.01
CIELCh	97, 32.858, 127.666
Yxy	91.4226, 0.3291, 0.3930
Android (android.graphics.Color)	4293001154 (0xFFE1FFC2)
YUV	239.0760, -22.2225, -12.3447
Hunter-Lab	95.6152, -24.4206, 26.8414

Details

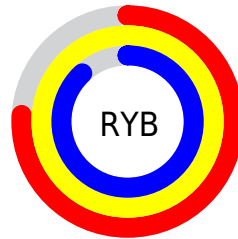
The XYZ color **76.5489, 91.4226, 64.6507** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.0833, 61.6521, 102.9194**, and the grayscale version is **82.2693, 86.5537, 94.2570**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **41.2899, 50.7166, 32.4240** is the 20% darker color. If you saturate the color by 10%, you get **70.1588, 88.4313, 50.6628**, and if you desaturate by 10%, it is **83.7187, 94.7589, 81.2429**.

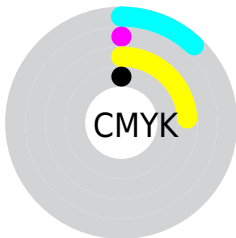
Distribution



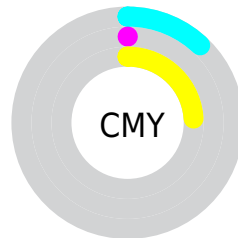
- Red (88%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5489, 91.4226, 64.6507 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 76.5489, 91.4226, 64.6507 by changing the saturation by 10% instead.

76.5489, 91.4226,
64.6507

76.5489, 91.4226,
64.6507

472.1402,
532.6477, 459.8075

57.1813, 69.1611,
46.7284

127.4787,
149.3129, 113.1560

41.3916, 50.8430,
32.4682

159.7717,
185.7105, 144.5760

28.8142, 36.0836,
21.4516

197.1039,
227.5890, 181.3323

19.0839, 24.4988,
13.2600

239.8407,
275.3327, 223.8435

11.8353, 15.7040,
7.4750

288.3473,
329.3260, 272.5281

6.7030, 9.3150,
3.6780

342.9892,

3.3217, 4.9472,

389.9533, 327.8046

1.4504

404.1317,
457.5991, 390.0915

■ 1.3261, 2.2163,
0.1806

■ 0.2026, 0.7289,
0.0000

■ 76.5489, 91.4226,
64.6507

■ 76.5489, 91.4226,
64.6507

■ 70.1588, 88.4313,
50.6628

■ 83.7187, 94.7589,
81.2429

■ 64.5157, 85.7713,
39.1427

■ 91.6959, 98.4520,
100.5583

■ 59.5864, 83.4286,
29.9477

95.0500, 100.0000,
108.9000

■ 55.3343, 81.3877,
22.9187

■ 51.7185, 79.6316,
17.8768

■ 48.6926, 78.1408,
14.6143

■ 46.2012, 76.8923,
12.8776

■ 44.9029, 76.2333,
12.3479

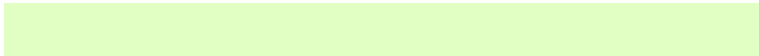
Harmonies

Analogous

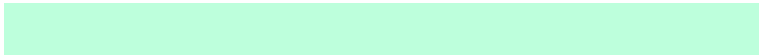
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5611, 91.4226, 57.3794



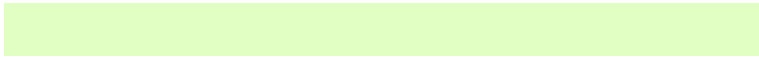
76.5489, 91.4226, 64.6507



71.5689, 91.4226, 81.5431

Triad

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



76.5489, 91.4226, 64.6507



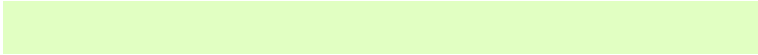
80.3581, 91.4226, 154.0056



105.5877, 91.4226, 92.9516

Complementary

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



76.5489, 91.4226, 64.6507



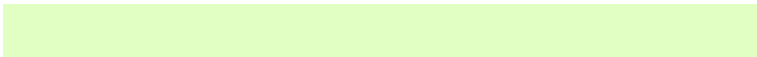
68.0833, 61.6521, 102.9194

Split Complementary

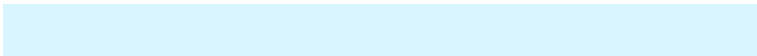
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.2651, 91.4226, 120.0156



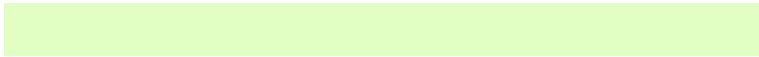
76.5489, 91.4226, 64.6507



89.2703, 91.4226, 158.5173

Square

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



76.5489, 91.4226, 64.6507



73.6577, 91.4226, 133.7381



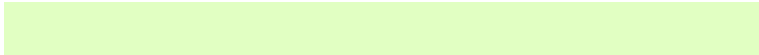
98.1325, 91.4226, 145.1604



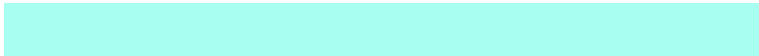
101.6289, 91.4226, 71.7393

Rectangle

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



76.5489, 91.4226, 64.6507



70.4245, 91.4226, 97.4990



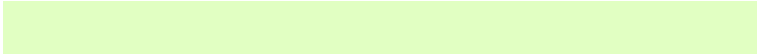
98.1325, 91.4226, 145.1604



105.7507, 91.4226, 101.6168

Sweetspot

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



76.5494, 91.4228, 64.6520



89.1517, 97.2760, 94.3131



77.4952, 78.1898, 62.0480



18.9774, 20.7726, 19.9316



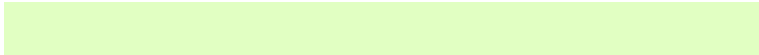
0.0000, 0.0000, 0.0000



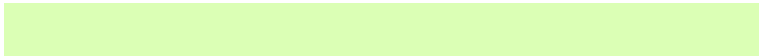
20.3446, 21.4041, 23.3091

Same Dimension

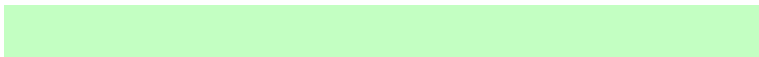
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5494, 91.4228, 64.6520



73.2080, 89.8611, 57.2294



68.0084, 87.0198, 64.2523



18.6516, 20.6218, 19.1417



23.6355, 39.9226, 6.4601



2.4274, 3.9521, 0.6349

Inverse Universe

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



68.0833, 61.6521, 102.9194



63.3242, 55.1042, 101.9064



78.2093, 66.8723, 103.3933



17.8537, 17.8163, 22.7479



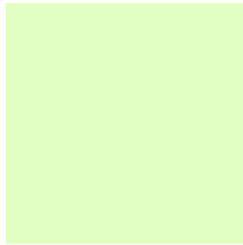
14.0536, 6.1554, 49.8820



1.4941, 0.6641, 4.8627

Previews

White Background



This preview shows how the XYZ color 76.5489, 91.4226, 64.6507 looks on a white background.

Color Contrast Check

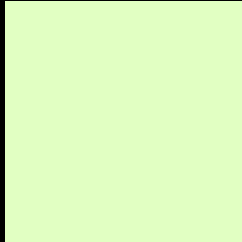
Large Text (above 18pt) WCAG AA × Fail

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 76.5489, 91.4226, 64.6507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

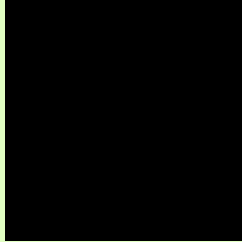
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

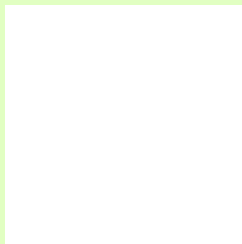
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5489, 91.4226, 64.6507

Background



This preview shows how black text looks on a background with the XYZ color 76.5489, 91.4226, 64.6507.

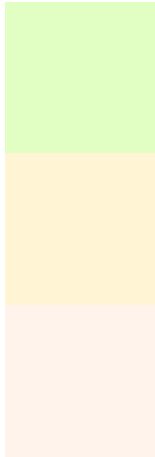


This preview shows how white text looks on a background with the XYZ color 76.5489, 91.4226, 64.6507.

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

76.5489, 91.4226, 64.6507

Protanopia

85.9026, 91.3689, 76.0592

Deuteranopia

88.2860, 91.3593, 91.5782

Tritanopia

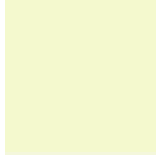
86.6376, 91.0501, 107.6159

Trichromacy



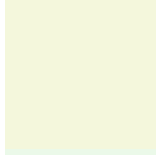
Original Color

76.5489, 91.4226, 64.6507



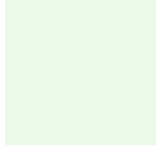
Protanomaly

82.3245, 91.4407, 71.7034



Deuteranomaly

83.4873, 90.9219, 80.8596



Tritanomaly

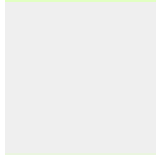
82.8446, 91.2967, 90.3464

Monochromacy



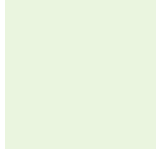
Original Color

76.5489, 91.4226, 64.6507



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

79.9034, 88.1250, 82.6105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5489, 91.4226, 64.6507 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(225, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 194)  
}
```

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(225, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 194) }
```

Border

The CSS property to change the border of an element to XYZ 76.5489, 91.4226, 64.6507 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(225, 255, 194) }
```


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

```
.border{ border-color:rgb(225, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(225, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5489, 91.4226, 64.6507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 194) }
```

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

```
.background{ background-color: rgb(225,  
255, 194) }
```

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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