

Converting Colors

XYZ(84.2205, 95.1692, 74.4155)

Have a look what the booklet for
XYZ(84.2205, 95.1692, 74.4155)
contains.

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Color

**XYZ(84.2308, 95.1781,
74.2534)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FFD1
RGB	243, 255, 209
RGB Percent	95%, 100%, 82%
CMY	0.0471, 0.0000, 0.1804
CMYK	0.05, 0.00, 0.18, 0.00
HSL	76°, 100%, 91%
HSV	76°, 18%, 100%
XYZ	84.2308, 95.1781, 74.2534
YIQ	246.1680, 7.6140, -16.8500

Conversions

Conversions Part 2

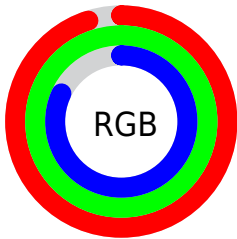
Format	Color
R_{YB}	209, 255, 221
Decimal	15990737
CIE _{Lab}	98.10, -11.57, 20.69
CIE _{LCh}	98, 23.704, 119.205
Yxy	95.1781, 0.3321, 0.3752
Android (android.graphics.Color)	4294180817 (0xFFFF3FFD1)
YUV	246.1680, -18.3238, -2.7783
Hunter-Lab	97.5593, -16.6152, 23.1652

Details

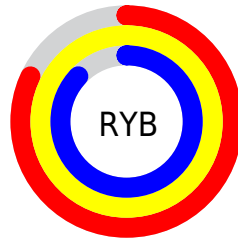
The XYZ color **84.2308, 95.1781, 74.2534** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.6701, 68.1943, 104.0458**, and the grayscale version is **87.8719, 92.4481, 100.6760**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5203, 53.2861, 38.4052** is the 20% darker color. If you saturate the color by 10%, you get **79.0677, 92.8525, 58.8293**, and if you desaturate by 10%, it is **89.9836, 97.7494, 92.3455**.

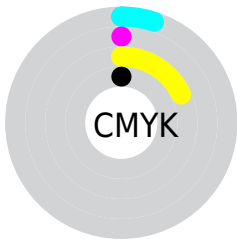
Distribution



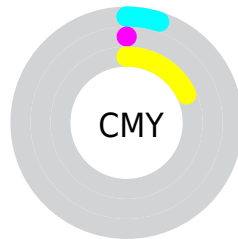
- Red (95%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.2308, 95.1781, 74.2534 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 84.2308, 95.1781, 74.2534 by changing the saturation by 10% instead.


 84.2308, 95.1781,
74.2534

 84.2308, 95.1781,
74.2534


497.6014,
544.7350, 494.5343

 63.5264, 72.2832,
54.5034


138.2176,
154.5106, 126.9923

 46.5274, 53.3901,
38.6084


172.2306,
191.7171, 160.8183

 32.8686, 38.1142,
26.1497


211.4106,
234.4628, 200.1734

 22.1845, 26.0714,
16.7089

256.1228,
283.1323, 245.4762

 14.1099, 16.8770,
9.8674

306.7326,
338.1098, 297.1451

 8.2794, 10.1469,
5.2067

363.6055,

 4.3275, 5.4964,

399.7799, 355.5987

2.3082

427.1066,
468.5268, 421.2556

■ 1.8890, 2.5414,
0.7358

■ 0.5705, 0.8973,
0.0000

■ 84.2308, 95.1781,
74.2534

■ 84.2308, 95.1781,
74.2534

■ 79.0677, 92.8525,
58.8293

■ 89.9836, 97.7494,
92.3455

■ 74.4678, 90.7616,
45.9426

95.0500, 100.0000,
108.9000

■ 70.4047, 88.8949,
35.4581

■ 66.8492, 87.2405,
27.2263

■ 63.7689, 85.7854,
21.0809

■ 61.1269, 84.5146,
16.8329

■ 58.8798, 83.4109,
14.2588

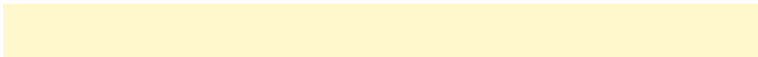
■ 56.9691, 82.4505,
13.0556

■ 56.6177, 82.2726,
12.8961

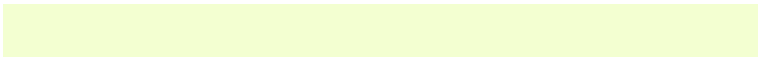
Harmonies

Analogous

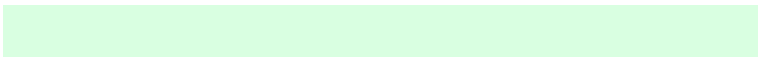
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.6456, 95.1781, 70.5082



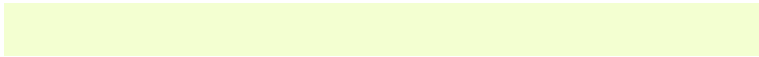
84.2308, 95.1781, 74.2534



79.6871, 95.1781, 85.6133

Triad

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



84.2308, 95.1781, 74.2534



83.9313, 95.1781, 139.2558



104.1828, 95.1781, 104.1536

Complementary

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



84.2308, 95.1781, 74.2534



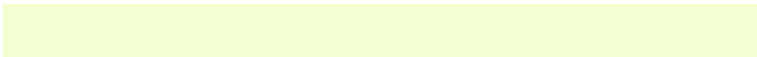
70.6701, 68.1943, 104.0458

Split Complementary

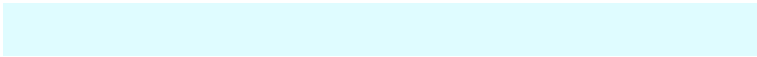
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.1710, 95.1781, 124.0183



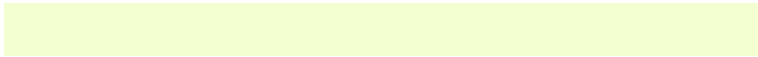
84.2308, 95.1781, 74.2534



90.2825, 95.1781, 145.7824

Square

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



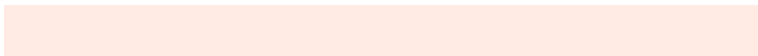
84.2308, 95.1781, 74.2534



79.5204, 95.1781, 123.0060



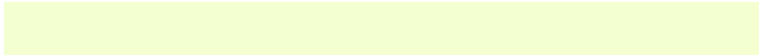
96.9972, 95.1781, 139.8899



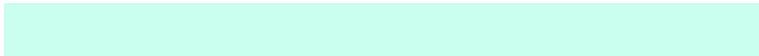
102.3681, 95.1781, 86.4086

Rectangle

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



84.2308, 95.1781, 74.2534



78.2143, 95.1781, 96.7738



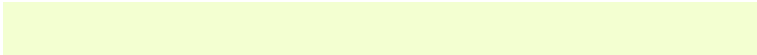
96.9972, 95.1781, 139.8899



103.9301, 95.1781, 110.8085

Sweetspot

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



84.2314, 95.1784, 74.2548



91.8515, 98.5805, 98.3882



78.4739, 77.3137, 71.1100



19.5665, 21.0587, 20.7551



0.0000, 0.0000, 0.0000



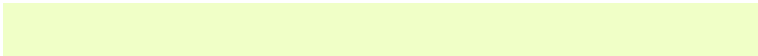
20.3446, 21.4041, 23.3091

Same Dimension

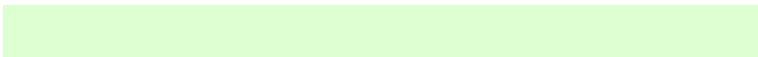
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2314, 95.1784, 74.2548



82.1167, 94.2282, 67.8318



76.9362, 91.4176, 73.9134



19.0716, 20.8383, 19.1614



29.7313, 43.0651, 6.7454



2.9972, 4.2459, 0.6616

Inverse Universe

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



70.6701, 68.1943, 104.0458



66.0462, 62.2470, 103.1416



77.9861, 71.9659, 104.3882



17.4472, 17.6068, 22.7288



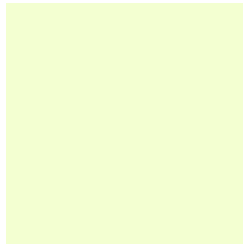
10.7415, 4.4479, 49.7270



1.1429, 0.4831, 4.8463

Previews

White Background



This preview shows how the XYZ color 84.2308, 95.1781, 74.2534 looks on a white background.

Color Contrast Check

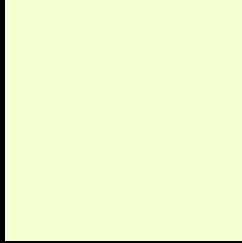
Large Text (above 18pt) WCAG AA × Fail

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 84.2308, 95.1781, 74.2534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

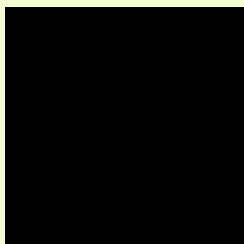
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

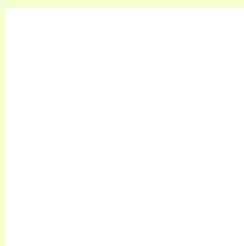
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.2308, 95.1781, 74.2534

Background



This preview shows how black text looks on a background with the XYZ color 84.2308, 95.1781, 74.2534.



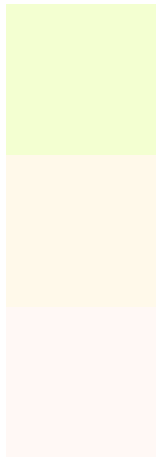
This preview shows how white text looks on a background with the XYZ color 84.2308, 95.1781,

74.2534.

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

84.2308, 95.1781, 74.2534

Protanopia

89.9670, 94.9519, 91.4277

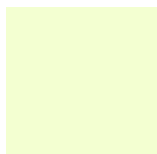
Deuteranopia

91.2888, 94.9874, 99.9092

Tritanopia

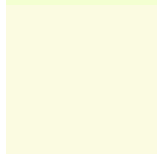
91.3500, 95.2954, 108.1869

Trichromacy



Original Color

84.2308, 95.1781, 74.2534



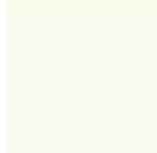
Protanomaly

87.8714, 94.9398, 84.9281



Deuteranomaly

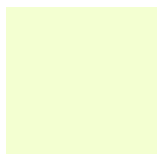
88.8463, 95.3298, 90.0617



Tritanomaly

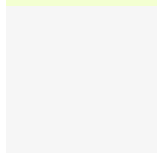
88.2876, 94.9416, 94.5612

Monochromacy



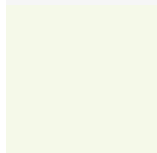
Original Color

84.2308, 95.1781, 74.2534



Achromatopsia

87.5964, 92.1582, 100.3603



Achromatomaly

86.2399, 93.0470, 90.5053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2308, 95.1781, 74.2534 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(243, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 209) }
```

Border

The CSS property to change the border of an element to XYZ 84.2308, 95.1781, 74.2534 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(243, 255, 209) }
```


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

```
.border{ border-color:rgb(243, 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(243, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2308, 95.1781, 74.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 209) }
```

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

```
.background{ background-color: rgb(243,  
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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