

Converting Colors

XYZ(84.5600, 95.2305, 79.5702)

Have a look what the booklet for
XYZ(84.5600, 95.2305, 79.5702)
contains.

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Color

**XYZ(84.5600, 95.2305,
79.5702)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFD9
RGB	241, 255, 217
RGB Percent	95%, 100%, 85%
CMY	0.0549, 0.0000, 0.1490
CMYK	0.05, 0.00, 0.15, 0.00
HSL	82°, 100%, 93%
HSV	82°, 15%, 100%
XYZ	84.5600, 95.2305, 79.5702
YIQ	246.4820, 3.8540, -14.7860

Conversions

Conversions Part 2

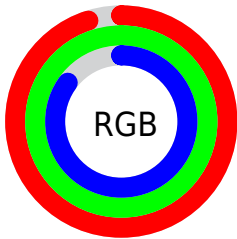
Format	Color
R_{YB}	217, 255, 231
Decimal	15859673
CIE _{Lab}	98.13, -11.03, 16.62
CIE _{LCh}	98, 19.949, 123.571
Yxy	95.2305, 0.3260, 0.3672
Android (android.graphics.Color)	4294049753 (0xFFFF1FFD9)
YUV	246.4820, -14.5346, -4.8077
Hunter-Lab	97.5861, -16.1025, 19.9661

Details

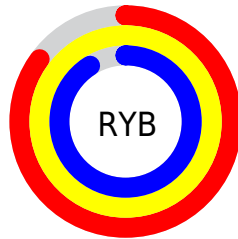
The XYZ color **84.5600, 95.2305, 79.5702** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **75.8187, 73.8359, 104.8634**, and the grayscale version is **88.0989, 92.6869, 100.9360**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7233, 53.3111, 42.0099** is the 20% darker color. If you saturate the color by 10%, you get **78.3704, 92.3938, 63.2836**, and if you desaturate by 10%, it is **91.4288, 98.3582, 98.5665**.

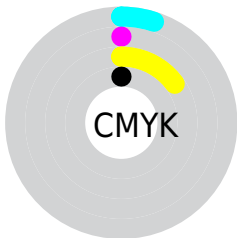
Distribution



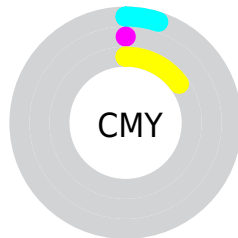
- Red (95%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (91%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.5600, 95.2305, 79.5702 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 84.5600, 95.2305, 79.5702 by changing the saturation by 10% instead.


 84.5600, 95.2305,
79.5702

 84.5600, 95.2305,
79.5702


498.6766,
544.9026, 513.1517

 63.7992, 72.3268,
58.8407


138.6755,
154.5830, 134.5672

 46.7491, 53.4257,
42.0657


172.7608,
191.8006, 169.6718

 33.0445, 38.1427,
28.8268


212.0184,
234.5584, 210.4051

 22.3199, 26.0935,
18.7054

256.8135,
283.2406, 257.1857

 14.2101, 16.8936,
11.2829

307.5115,
338.2318, 310.4321

 8.3496, 10.1586,
6.1409

364.4778,

 4.3731, 5.5043,

399.9163, 370.5629

2.8608

428.0777,
468.6784, 437.9966

■ 1.9153, 2.5461,
1.0240

■ 0.5857, 0.8996,
0.0000

■ 84.5600, 95.2305,
79.5702

■ 84.5600, 95.2305,
79.5702

■ 78.3704, 92.3938,
63.2836

■ 91.4288, 98.3582,
98.5665

■ 72.8323, 89.8363,
49.5789

95.0500, 100.0000,
108.9000

■ 67.9184, 87.5471,
38.3241

■ 63.5986, 85.5138,
29.3741

■ 59.8397, 83.7228,
22.5683

■ 56.6048, 82.1590,
17.7257

■ 53.8510, 80.8049,
14.6351

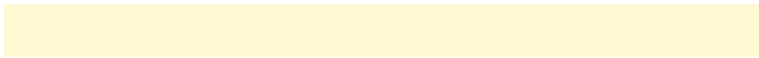
■ 51.5260, 79.6393,
13.0371

■ 50.4689, 79.1027,
12.6084

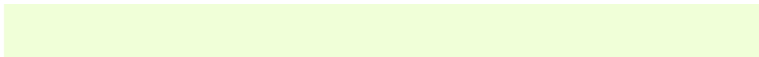
Harmonies

Analogous

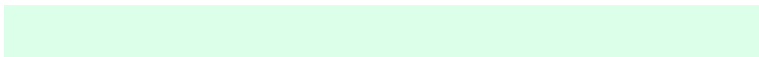
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8296, 95.2305, 75.2914



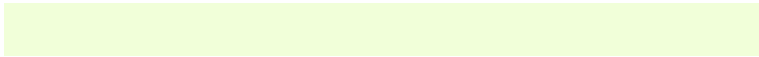
84.5600, 95.2305, 79.5702



81.0065, 95.2305, 90.2769

Triad

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



84.5600, 95.2305, 79.5702



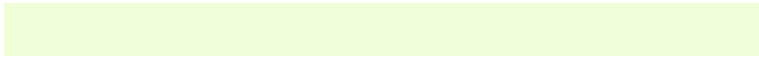
85.7004, 95.2305, 134.5725



101.9551, 95.2305, 101.7378

Complementary

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



84.5600, 95.2305, 79.5702



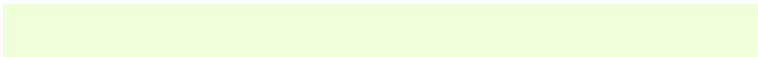
75.8187, 73.8359, 104.8634

Split Complementary

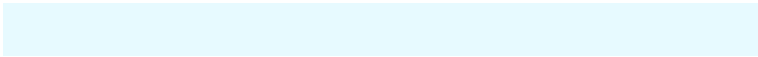
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.7372, 95.2305, 118.3695



84.5600, 95.2305, 79.5702



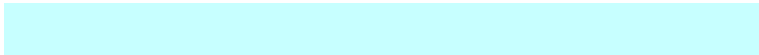
91.2014, 95.2305, 138.4581

Square

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



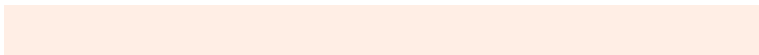
84.5600, 95.2305, 79.5702



81.6452, 95.2305, 122.1250



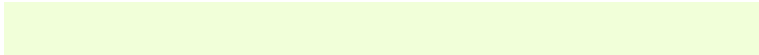
96.7406, 95.2305, 132.2488



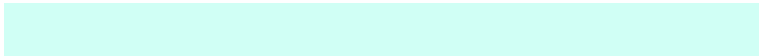
100.0023, 95.2305, 87.2100

Rectangle

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



84.5600, 95.2305, 79.5702



80.0061, 95.2305, 100.1986



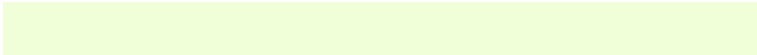
96.7406, 95.2305, 132.2488



101.9033, 95.2305, 107.2613

Sweetspot

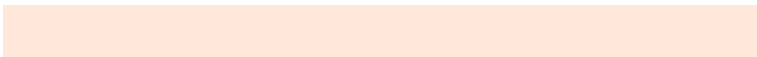
The Sweet Spot groups the original color and five complimentary colors.



84.5606, 95.2308, 79.5716



92.0819, 98.6546, 100.4152



82.3223, 83.3851, 77.4031



19.5925, 21.0631, 21.1623



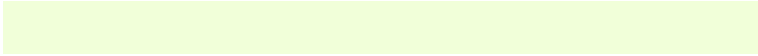
0.0000, 0.0000, 0.0000



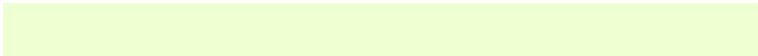
20.3446, 21.4041, 23.3091

Same Dimension

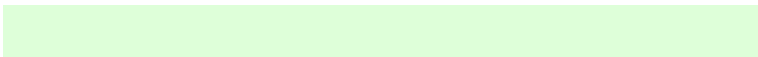
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5606, 95.2308, 79.5716



82.5711, 94.3211, 74.2404



78.4298, 92.0703, 79.2847



18.8744, 20.7367, 19.1521



26.5413, 41.4206, 6.5961



2.7047, 4.0951, 0.6479

Inverse Universe

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



75.8187, 73.8359, 104.8634



72.2422, 69.0404, 104.1263



82.2639, 77.1585, 105.1650



17.6350, 17.7036, 22.7376



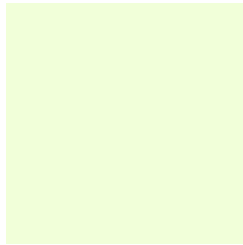
11.9905, 5.0918, 49.7854



1.2829, 0.5553, 4.8528

Previews

White Background



This preview shows how the XYZ color 84.5600, 95.2305, 79.5702 looks on a white background.

Color Contrast Check

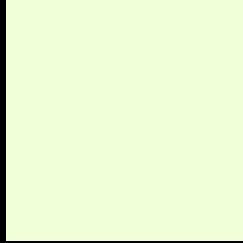
Large Text (above 18pt) WCAG AA × Fail

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 84.5600, 95.2305, 79.5702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

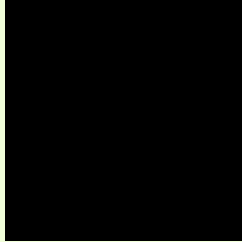
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

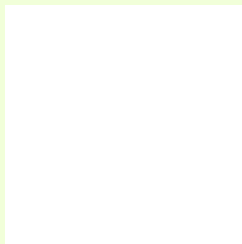
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.5600, 95.2305, 79.5702

Background



This preview shows how black text looks on a background with the XYZ color 84.5600, 95.2305, 79.5702.



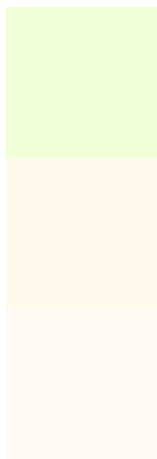
This preview shows how white text looks on a background with the XYZ color 84.5600, 95.2305,

79.5702.

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

84.5600, 95.2305, 79.5702

Protanopia

90.1111, 95.0095, 92.1866

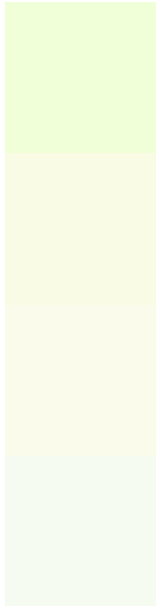
Deuteranopia

91.2888, 94.9874, 99.9092

Tritanopia

90.9926, 95.1111, 108.1702

Trichromacy



Original Color

84.5600, 95.2305, 79.5702

Protanomaly

87.9251, 94.9198, 87.0860

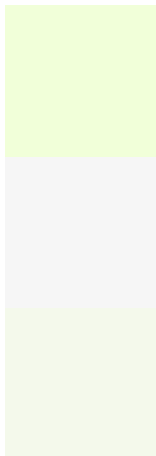
Deuteranomaly

88.9169, 95.3165, 92.3088

Tritanomaly

88.3804, 94.9381, 96.8858

Monochromacy



Original Color

84.5600, 95.2305, 79.5702

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.1793, 92.9826, 92.0026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5600, 95.2305, 79.5702 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(241, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 217)  
}
```

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(241, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 84.5600, 95.2305, 79.5702 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(241, 255, 217) }
```


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

```
.border{ border-color:rgb(241, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5600, 95.2305, 79.5702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 217) }
```

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

```
.background{ background-color: rgb(241,  
255, 217) }
```

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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