

Converting Colors

XYZ(85.3637, 95.2024, 78.1667)

Have a look what the booklet for
XYZ(85.3637, 95.2024, 78.1667)
contains.

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Color

**XYZ(85.3637, 95.2024,
78.1667)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FED7
RGB	245, 254, 215
RGB Percent	96%, 100%, 84%
CMY	0.0392, 0.0039, 0.1569
CMYK	0.04, 0.00, 0.15, 0.00
HSL	74°, 95%, 92%
HSV	74°, 15%, 100%
XYZ	85.3637, 95.2024, 78.1667
YIQ	246.8630, 7.1550, -14.0370

Conversions

Conversions Part 2

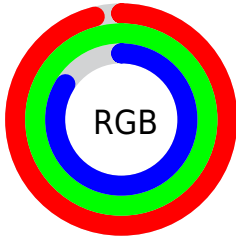
Format	Color
R_{YB}	215, 254, 224
Decimal	16121559
CIE _{Lab}	98.11, -9.46, 17.67
CIE _{LCh}	98, 20.043, 118.177
Yxy	95.2024, 0.3299, 0.3680
Android (android.graphics.Color)	4294311639 (0xFFFF5FED7)
YUV	246.8630, -15.7085, -1.6339
Hunter-Lab	97.5717, -14.5841, 20.8018

Details

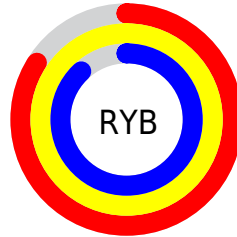
The XYZ color **85.3637, 95.2024, 78.1667** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.9341, 71.6065, 103.7485**, and the grayscale version is **88.4185, 93.0232, 101.3022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2977, 53.2894, 41.0507** is the 20% darker color. If you saturate the color by 10%, you get **80.3371, 92.9623, 62.1964**, and if you desaturate by 10%, it is **90.9670, 97.6870, 96.8130**.

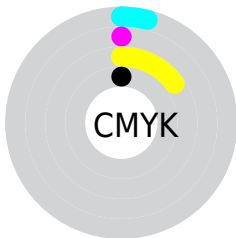
Distribution



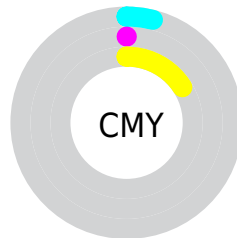
- Red (96%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3637, 95.2024, 78.1667 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 85.3637, 95.2024, 78.1667 by changing the saturation by 10% instead.

85.3637, 95.2024,
78.1667

85.3637, 95.2024,
78.1667

501.2963,
544.8127, 508.2757

64.4654, 72.3034,
57.6937

139.7926,
154.5442, 132.5731

47.2908, 53.4066,
41.1494

174.0540,
191.7558, 167.3435

33.4745, 38.1275,
28.1152

213.5004,
234.5071, 207.7169

22.6512, 26.0816,
18.1727

258.4973,
283.1825, 254.1116

14.4554, 16.8847,
10.9034

309.4100,
338.1664, 306.9463

8.5219, 10.1523,
5.8885

366.6038,

4.4853, 5.5001,

399.8431, 366.6396

2.7097

430.4441,
468.5971, 433.6098

■ 1.9802, 2.5436,
0.9483

■ 0.6228, 0.8984,
0.0000

■ 85.3637, 95.2024,
78.1667

■ 85.3637, 95.2024,
78.1667

■ 80.3371, 92.9623,
62.1964

■ 90.9670, 97.6870,
96.8130

■ 75.8558, 90.9445,
48.7731

94.7338, 99.3675,
108.7946

■ 71.8965, 89.1430,
37.7666

■ 68.4313, 87.5463,
29.0324

■ 65.4291, 86.1421,
22.4109

■ 62.8551, 84.9162,
17.7216

■ 60.6687, 83.8525,
14.7542

■ 58.8199, 82.9308,
13.2485

■ 58.0428, 82.5378,
12.8722

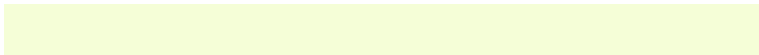
Harmonies

Analogous

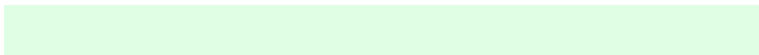
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8394, 95.2024, 75.1105



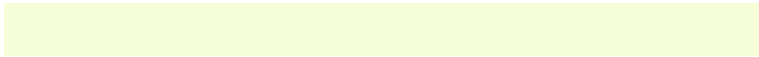
85.3637, 95.2024, 78.1667



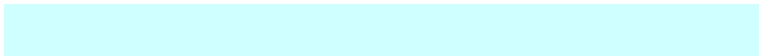
81.4100, 95.2024, 87.8360

Triad

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



85.3637, 95.2024, 78.1667



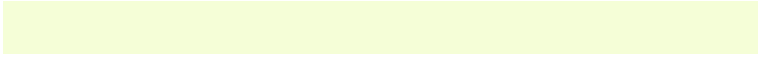
84.7787, 95.2024, 132.9736



101.9993, 95.2024, 104.6703

Complementary

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



85.3637, 95.2024, 78.1667



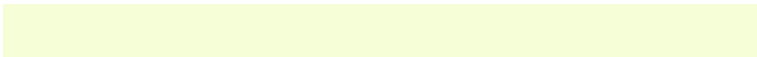
72.9341, 71.6065, 103.7485

Split Complementary

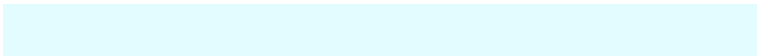
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.2149, 95.2024, 121.2770



85.3637, 95.2024, 78.1667



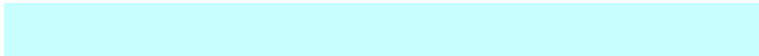
90.1356, 95.2024, 138.6558

Square

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



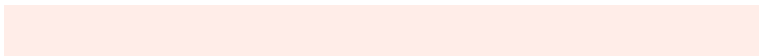
85.3637, 95.2024, 78.1667



81.0824, 95.2024, 119.3491



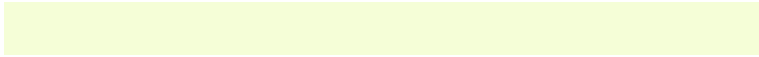
95.8113, 95.2024, 134.1670



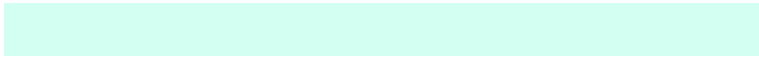
100.5921, 95.2024, 89.4085

Rectangle

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



85.3637, 95.2024, 78.1667



80.0863, 95.2024, 97.3030



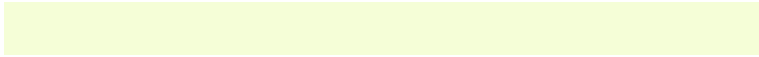
95.8113, 95.2024, 134.1670



101.7514, 95.2024, 110.2864

Sweetspot

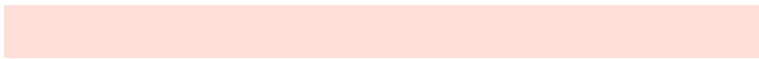
The Sweet Spot groups the original color and five complimentary colors.



85.3662, 95.2066, 78.1687



91.9899, 98.6518, 98.3947



79.6502, 78.9961, 75.3411



19.6001, 21.0761, 20.7567



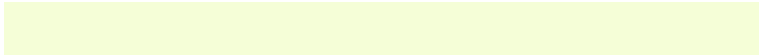
0.0000, 0.0000, 0.0000



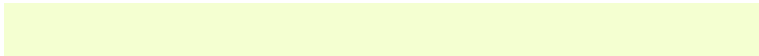
20.3446, 21.4041, 23.3091

Same Dimension

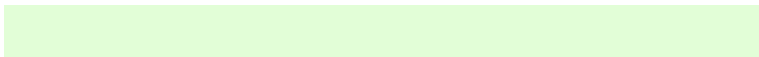
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3662, 95.2066, 78.1687



84.7291, 95.4336, 74.3414



79.0905, 91.9713, 77.8750



19.1271, 20.8669, 19.1639



30.7348, 43.5825, 6.7924



3.0875, 4.2924, 0.6658

Inverse Universe

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



72.9341, 71.6065, 103.7485



70.2987, 68.0385, 104.0353



79.1379, 74.8047, 104.0389



17.3954, 17.5800, 22.7264



10.4769, 4.3115, 49.7146



1.1108, 0.4665, 4.8448

Previews

White Background



This preview shows how the XYZ color 85.3637, 95.2024, 78.1667 looks on a white background.

Color Contrast Check

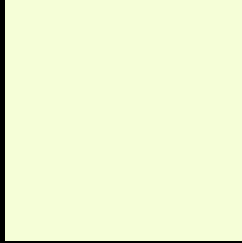
Large Text (above 18pt) WCAG AA × Fail

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 85.3637, 95.2024, 78.1667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

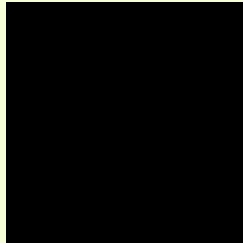
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

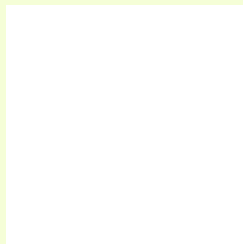
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3637, 95.2024, 78.1667

Background



This preview shows how black text looks on a background with the XYZ color 85.3637, 95.2024, 78.1667.



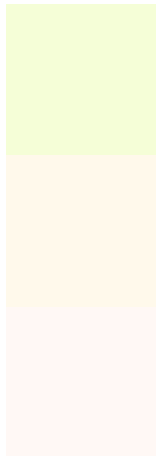
This preview shows how white text looks on a background with the XYZ color 85.3637, 95.2024,

78.1667.

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

85.3637, 95.2024, 78.1667

Protanopia

90.1111, 95.0095, 92.1866

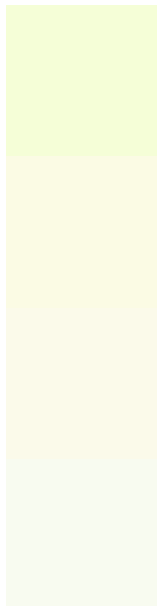
Deuteranopia

91.2888, 94.9874, 99.9092

Tritanopia

91.3500, 95.2954, 108.1869

Trichromacy



Original Color

85.3637, 95.2024, 78.1667

Protanomaly

88.2844, 95.1050, 87.1028

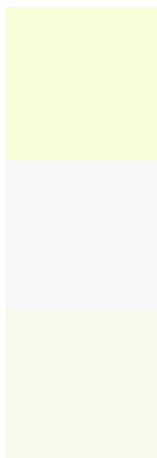
Deuteranomaly

88.8206, 94.8210, 91.4628

Tritanomaly

88.9368, 95.2421, 96.1342

Monochromacy



Original Color

85.3637, 95.2024, 78.1667

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.1870, 93.9622, 92.1385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3637, 95.2024, 78.1667 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(245, 254, 215) looks like.

```
.text, #text, p{  
    color:rgb(245, 254, 215)  
}
```

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(245, 254, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 254, 215) }
```

Border

The CSS property to change the border of an element to XYZ 85.3637, 95.2024, 78.1667 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(245, 254, 215) }
```


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

```
.border{ border-color:rgb(245, 254, 215) }
```

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

Here you see how a box with a 4 pixel rgb(245, 254, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 254, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 254, 215);  
box-shadow:4px 4px 4px 4px rgb(245, 254,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3637, 95.2024, 78.1667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 254, 215) }
```

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

```
.background{ background-color: rgb(245,  
254, 215) }
```

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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