

Converting Colors

XYZ(85.0802, 92.7461, 77.0359)

Have a look what the booklet for
XYZ(85.0802, 92.7461, 77.0359)
contains.

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Color

**XYZ(85.0802, 92.7461,
77.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F9D6
RGB	249, 249, 214
RGB Percent	98%, 98%, 84%
CMY	0.0235, 0.0235, 0.1608
CMYK	0.00, 0.00, 0.14, 0.02
HSL	60°, 74%, 91%
HSV	60°, 14%, 98%
XYZ	85.0802, 92.7461, 77.0359
YIQ	245.0100, 11.2350, -10.8850

Conversions

Conversions Part 2

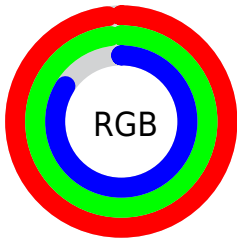
Format	Color
R _Y B	214, 249, 214
Decimal	16382422
CIE Lab	97.12, -5.73, 16.83
CIE LCh	97, 17.778, 108.808
Yxy	92.7461, 0.3338, 0.3639
Android (android.graphics.Color)	4294572502 (0xFFFF9F9D6)
YUV	245.0100, -15.2879, 3.4992
Hunter-Lab	96.3048, -10.8380, 19.9862

Details

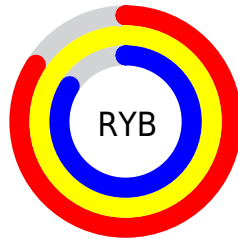
The XYZ color **85.0802, 92.7461, 77.0359** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.8805, 69.2313, 99.3601**, and the grayscale version is **86.9140, 91.4403, 99.5785**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0662, 51.8496, 40.3282** is the 20% darker color. If you saturate the color by 10%, you get **82.1399, 91.5729, 61.5479**, and if you desaturate by 10%, it is **88.5117, 94.1220, 95.0882**.

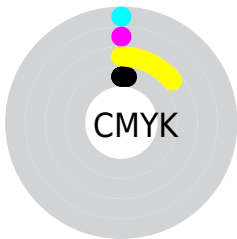
Distribution



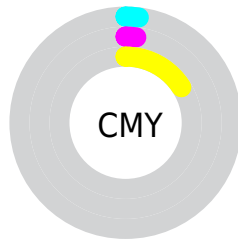
- Red (98%)
- Green (98%)
- Blue (84%)



- Red (84%)
- Yellow (98%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (2%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.0802, 92.7461, 77.0359 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 85.0802, 92.7461, 77.0359 by changing the saturation by 10% instead.


 85.0802, 92.7461,
77.0359

 85.0802, 92.7461,
77.0359


500.3731,
536.9239, 504.3273

 64.2304, 70.2605,
56.7706


139.3987,
151.1470, 130.9636

 47.0997, 51.7389,
40.4130


173.5980,
187.8312, 165.4631

 33.3227, 36.7970,
27.5444


212.9779,
230.0169, 205.5445

 22.5342, 25.0504,
17.7465

257.9037,
278.0887, 251.6262

 14.3687, 16.1146,
10.6006

308.7408,
332.4309, 304.1268

 8.4610, 9.6053,
5.6882

365.8545,

 4.4456, 5.1380,

393.4279, 363.4648

2.5907

429.6101,
461.4641, 430.0588

■ 1.9572, 2.3285,
0.8876

■ 0.6097, 0.7887,
0.0000

■ 85.0802, 92.7461,
77.0359

■ 85.0802, 92.7461,
77.0359

■ 82.1399, 91.5729,
61.5479

■ 88.5117, 94.1220,
95.0882

■ 79.6612, 90.5813,
48.5024


■ 90.9974, 95.1164,
108.1710


■ 77.6231, 89.7659,
37.7766


■ 90.9987, 95.1171,
108.1710

■ 75.9997, 89.1164,
29.2347


■ 91.0000, 95.1177,
108.1711

 74.7625, 88.6214,
22.7266


 91.0013, 95.1184,
108.1711


 73.8796, 88.2680,
18.0838

 91.0026, 95.1191,
108.1712

 73.3136, 88.0415,
15.1103

 91.0039, 95.1197,
108.1713

 73.0192, 87.9236,
13.5668

 91.0052, 95.1204,
108.1713

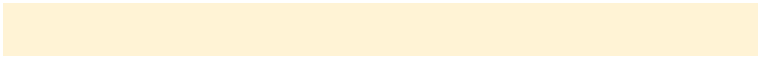
 72.9337, 87.8893,
13.1203

 91.0065, 95.1211,
108.1714

Harmonies

Analogous

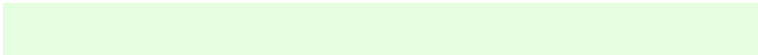
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0371, 92.7461, 76.2460



85.0802, 92.7461, 77.0359



81.0940, 92.7461, 83.8686

Triad

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



85.0802, 92.7461, 77.0359



81.9536, 92.7461, 123.2223



97.9533, 92.7461, 106.4398

Complementary

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



85.0802, 92.7461, 77.0359



68.8805, 69.2313, 99.3601

Split Complementary

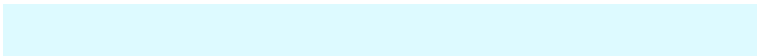
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6089, 92.7461, 120.2842



85.0802, 92.7461, 77.0359



86.2942, 92.7461, 130.5677

Square

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



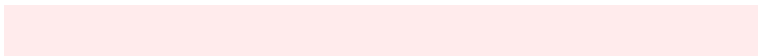
85.0802, 92.7461, 77.0359



79.3367, 92.7461, 110.1517



91.2977, 92.7461, 129.4442



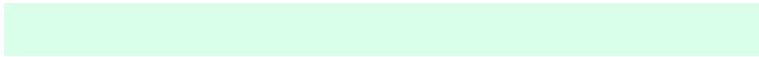
97.5981, 92.7461, 92.3410

Rectangle

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



85.0802, 92.7461, 77.0359



79.4646, 92.7461, 91.3279



91.2977, 92.7461, 129.4442



97.4514, 92.7461, 111.2994

Sweetspot

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



85.0827, 92.7502, 77.0379



93.4504, 99.3601, 100.4793



75.2540, 73.0901, 73.7611



19.9399, 21.2422, 21.1786



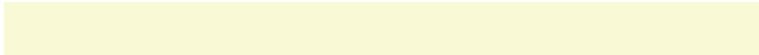
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



85.0827, 92.7502, 77.0379



88.8372, 97.5146, 76.1961



79.1333, 89.6832, 76.7595



18.7272, 20.1907, 18.3726



39.0382, 47.0432, 7.0227



3.6157, 4.3571, 0.6504

Inverse Universe

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



68.8805, 69.2313, 99.3601



68.5585, 68.0782, 104.1347



74.2648, 72.0070, 99.6121



16.2834, 16.6432, 21.7395



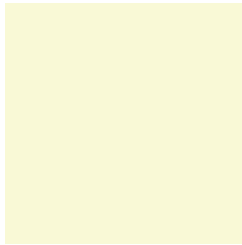
9.1531, 3.6613, 48.1978



0.8478, 0.3391, 4.4640

Previews

White Background



This preview shows how the XYZ color 85.0802, 92.7461, 77.0359 looks on a white background.

Color Contrast Check

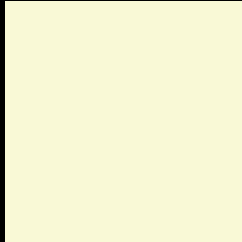
Large Text (above 18pt) WCAG AA × Fail

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 85.0802, 92.7461, 77.0359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

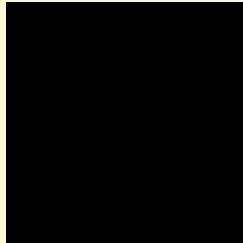
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0802, 92.7461, 77.0359

Background



This preview shows how black text looks on a background with the XYZ color 85.0802, 92.7461, 77.0359.

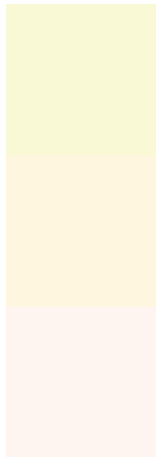


This preview shows how white text looks on a background with the XYZ color 85.0802, 92.7461,

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

85.0802, 92.7461, 77.0359

Protanopia

87.6503, 92.5534, 83.7659

Deuteranopia

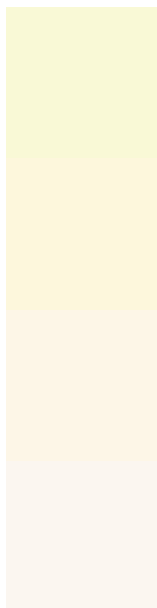
89.6206, 92.8561, 95.6376



Tritanopia

90.5456, 92.6168, 107.7123

Trichromacy



Original Color

85.0802, 92.7461, 77.0359

Protanomaly

86.6870, 92.5715, 81.0093

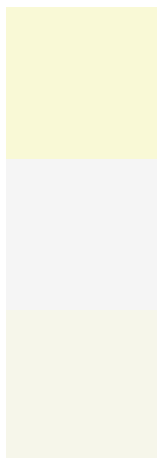
Deuteranomaly

87.8876, 92.5637, 88.8357

Tritanomaly

88.4676, 92.7120, 95.6705

Monochromacy



Original Color

85.0802, 92.7461, 77.0359

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.8131, 91.4449, 90.9697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0802, 92.7461, 77.0359 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(249, 249, 214) looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 214)  
}
```

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(249, 249, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 214) }
```

Border

The CSS property to change the border of an element to XYZ 85.0802, 92.7461, 77.0359 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(249, 249, 214) }
```


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

```
.border{ border-color:rgb(249, 249, 214) }
```

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

Here you see how a box with a 4 pixel rgb(249, 249, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 214);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0802, 92.7461, 77.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 214) }
```

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

```
.background{ background-color: rgb(249,  
249, 214) }
```

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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