

Converting Colors

XYZ(85.5536, 90.3026, 77.0783)

Have a look what the booklet for
XYZ(85.5536, 90.3026, 77.0783)
contains.

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Color

**XYZ(85.5563, 90.2675,
77.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF3D7
RGB	255, 243, 215
RGB Percent	100%, 95%, 84%
CMY	0.0000, 0.0470, 0.1569
CMYK	0.00, 0.05, 0.16, 0.00
HSL	42°, 100%, 92%
HSV	42°, 16%, 100%
XYZ	85.5563, 90.2675, 77.2040
YIQ	243.3960, 16.1400, -6.1640

Conversions

Conversions Part 2

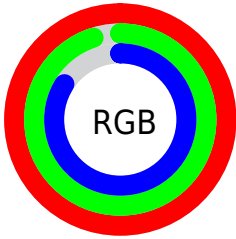
Format	Color
R_{YB}	232, 255, 215
Decimal	16774103
CIE Lab	96.11, -0.45, 14.95
CIE LCh	96, 14.953, 91.730
Yxy	90.2675, 0.3381, 0.3567
Android (android.graphics.Color)	4294964183 (0xFFFFF3D7)
YUV	243.3960, -13.9992, 10.1767
Hunter-Lab	95.0092, -5.5259, 18.3277

Details

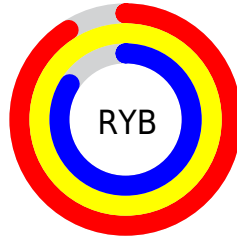
The XYZ color **85.5563, 90.2675, 77.2040** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.5427, 76.6030, 105.5175**, and the grayscale version is **85.6078, 90.0660, 98.0819**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4042, 50.0845, 40.4265** is the 20% darker color. If you saturate the color by 10%, you get **80.2914, 84.5790, 60.5238**, and if you desaturate by 10%, it is **91.4316, 96.3587, 96.6096**.

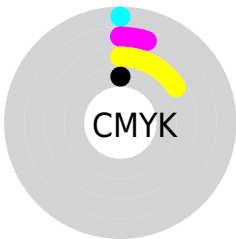
Distribution



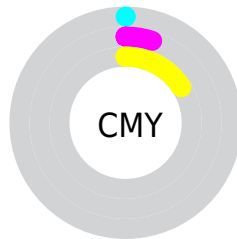
- Red (100%)
- Green (95%)
- Blue (84%)



- Red (91%)
- Yellow (100%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.5563, 90.2675, 77.2040 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 85.5563, 90.2675, 77.2040 by changing the saturation by 10% instead.


 85.5563, 90.2675,
77.2040

 85.5563, 90.2675,
77.2040


501.9230,
528.9006, 504.9154

 64.6252, 68.2025,
56.9078


140.0602,
147.7099, 131.2030

 47.4208, 50.0625,
40.5223


174.3636,
183.8561, 165.7429

 33.5778, 35.4631,
27.6291


213.8552,
225.4649, 205.8678

 22.7308, 24.0198,
17.8097

258.9003,
272.9206, 251.9961

 14.5144, 15.3483,
10.6454

309.8643,
326.6076, 304.5465

 8.5634, 9.0642,
5.7178

367.1125,

 4.5123, 4.7831,

386.9104, 363.9375

2.6082

431.0103,
454.2132, 430.5876

■ 1.9959, 2.1206,
0.8967

■ 0.6316, 0.6762,
0.0000

■ 85.5563, 90.2675,
77.2040

■ 85.5563, 90.2675,
77.2040

■ 80.2914, 84.5790,
60.5238

■ 91.4316, 96.3587,
96.6096

■ 75.6057, 79.2698,
46.4386

95.0500, 100.0000,
108.9000

■ 71.4748, 74.3314,
34.8159

■ 67.8696, 69.7501,
25.5093

■ 64.7584, 65.5113,
18.3565

■ 62.1050, 61.5987,
13.1741

■ 59.8677, 57.9935,
9.7480

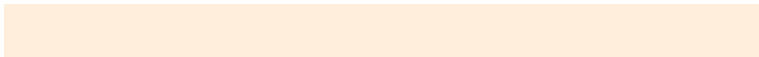
■ 57.9948, 54.6729,
7.8129

■ 57.2674, 53.3149,
7.2725

Harmonies

Analogous

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



89.6243, 90.2675, 79.5343



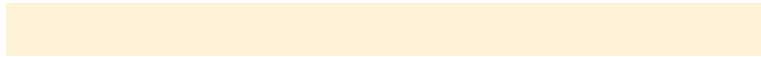
85.5563, 90.2675, 77.2040



81.6756, 90.2675, 80.1339

Triad

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



85.5563, 90.2675, 77.2040



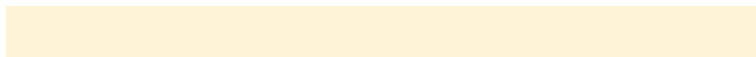
79.1992, 90.2675, 110.7768



93.0040, 90.2675, 109.4899

Complementary

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



85.5563, 90.2675, 77.2040



73.5427, 76.6030, 105.5175

Split Complementary

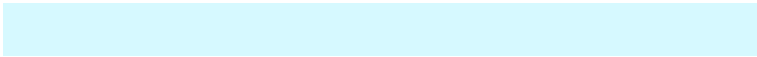
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0538, 90.2675, 118.9910



85.5563, 90.2675, 77.2040



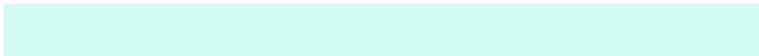
82.0794, 90.2675, 119.7750

Square

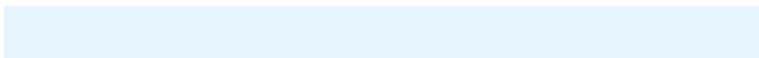
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.5563, 90.2675, 77.2040



78.0793, 90.2675, 98.9763



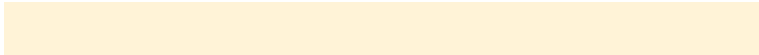
86.0373, 90.2675, 122.8938



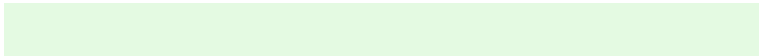
94.0062, 90.2675, 97.5989

Rectangle

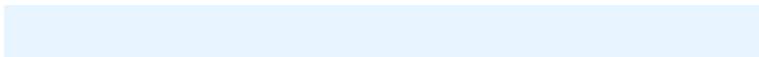
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.5563, 90.2675, 77.2040



79.6942, 90.2675, 84.8244



86.0373, 90.2675, 122.8938



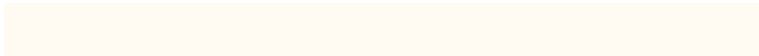
92.2027, 90.2675, 113.1013

Sweetspot

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



85.5585, 90.2714, 77.2059



91.8571, 96.7907, 98.0425



79.4062, 75.4079, 83.0440



19.5679, 20.6224, 20.6708



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

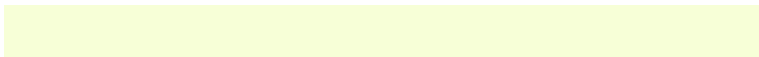
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5585, 90.2714, 77.2059



83.7468, 88.3415, 71.3811



86.3839, 96.2006, 78.3069



19.0744, 20.1170, 19.0220



30.0604, 28.1321, 3.8457



3.0226, 2.9306, 0.4064

Inverse Universe

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



73.5427, 76.6030, 105.5175



69.5336, 72.1748, 104.8740



72.7828, 71.5100, 104.5745



17.4470, 18.2656, 22.8560



10.9119, 6.7333, 50.1591



1.1531, 0.8370, 4.9141

Previews

White Background



This preview shows how the XYZ color 85.5563, 90.2675, 77.2040 looks on a white background.

Color Contrast Check

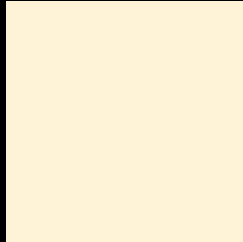
Large Text (above 18pt) WCAG AA × Fail

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 85.5563, 90.2675, 77.2040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

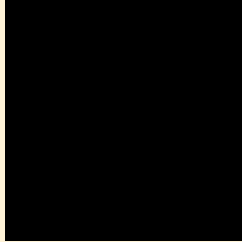
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.5563, 90.2675, 77.2040

Background



This preview shows how black text looks on a background with the XYZ color 85.5563, 90.2675, 77.2040.



This preview shows how white text looks on a background with the XYZ color 85.5563, 90.2675,

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

85.5563, 90.2675, 77.2040

Protanopia

85.5563, 90.2675, 77.2040

Deuteranopia

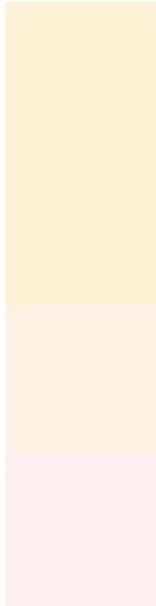
87.8356, 90.2267, 92.1429



Tritanopia

89.6772, 90.0213, 104.7448

Trichromacy



Original Color

85.5563, 90.2675, 77.2040

Protanomaly

85.5563, 90.2675, 77.2040

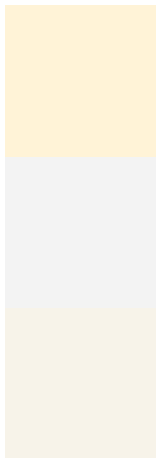
Deuteranomaly

86.9957, 90.3657, 86.2559

Tritanomaly

87.9801, 89.8122, 94.3598

Monochromacy



Original Color

85.5563, 90.2675, 77.2040

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.1163, 89.7585, 89.9298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5563, 90.2675, 77.2040 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(255, 243, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 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(255, 243, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 215) }
```

Border

The CSS property to change the border of an element to XYZ 85.5563, 90.2675, 77.2040 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(255, 243, 215) }
```


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

```
.border{ border-color:rgb(255, 243, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5563, 90.2675, 77.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 215) }
```

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

```
.background{ background-color: rgb(255,  
243, 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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