

Converting Colors

XYZ(98.5800, 100.0000,
85.4373)

Have a look what the booklet for
XYZ(98.5800, 100.0000, 85.4373)
contains.

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Color

**XYZ(89.0162, 95.0675,
84.8924)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAE1
RGB	255, 250, 225
RGB Percent	100%, 98%, 88%
CMY	0.0000, 0.0196, 0.1176
CMYK	0.00, 0.02, 0.12, 0.00
HSL	50°, 100%, 94%
HSV	50°, 12%, 100%
XYZ	89.0162, 95.0675, 84.8924
YIQ	248.6450, 11.0050, -6.7150

Conversions

Conversions Part 2

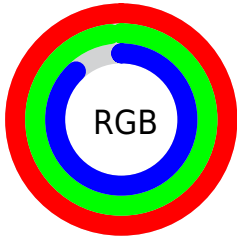
Format	Color
R_{YB}	231, 255, 225
Decimal	16775905
CIE _{Lab}	98.06, -2.45, 12.58
CIE _{LCh}	98, 12.815, 101.009
Yxy	95.0675, 0.3309, 0.3534
Android (android.graphics.Color)	4294965985 (0xFFFFFAE1)
YUV	248.6450, -11.6570, 5.5733
Hunter-Lab	97.5026, -7.6657, 16.6299

Details

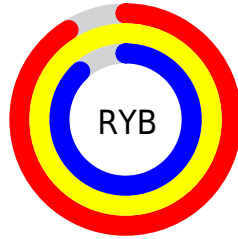
The XYZ color **89.0162, 95.0675, 84.8924** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.3975, 79.8190, 105.9351**, and the grayscale version is **89.8395, 94.5181, 102.9302**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.8362, 53.4916, 45.7285** is the 20% darker color. If you saturate the color by 10%, you get **84.4905, 91.1734, 67.4840**, and if you desaturate by 10%, it is **94.0957, 99.2368, 105.0509**.

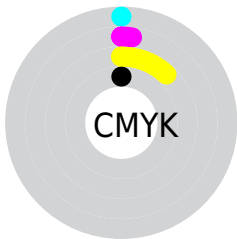
Distribution



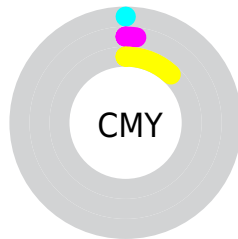
- Red (100%)
- Green (98%)
- Blue (88%)



- Red (91%)
- Yellow (100%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.0162, 95.0675, 84.8924 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 89.0162, 95.0675, 84.8924 by changing the saturation by 10% instead.

89.0162, 95.0675,
84.8924

89.0162, 95.0675,
84.8924

513.1111,
544.3811, 531.4073

67.4986, 72.1912,
63.2028

144.8564,
154.3579, 142.0957

49.7621, 53.3148,
45.5633

179.9097,
191.5407, 178.4464

35.4414, 38.0542,
31.5552

220.2055,
234.2611, 220.5214

24.1712, 26.0247,
20.7599

266.1093,
282.9035, 268.7390

15.5861, 16.8421,
12.7591

317.9864,
337.8523, 323.5179

9.3207, 10.1220,
7.1341

376.2022,

5.0097, 5.4799,

399.4919, 385.2765

3.4664

441.1220,
468.2067, 454.4335

■ 2.2878, 2.5315,
1.3374

■ 0.7884, 0.8924,
0.0922

■ 89.0162, 95.0675,
84.8924

■ 89.0162, 95.0675,
84.8924

■ 84.4905, 91.1734,
67.4840

■ 94.0957, 99.2368,
105.0509

■ 80.4886, 87.5329,
52.6987

■ 95.0500, 100.0000,
108.9000

■ 76.9880, 84.1399,
40.4087

■ 73.9618, 80.9831,
30.4726

■ 71.3802, 78.0505,
22.7355

■ 69.2100, 75.3284,
17.0233

■ 67.4131, 72.8012,
13.1359

■ 65.9434, 70.4501,
10.8322

■ 64.9215, 68.6230,
9.8238

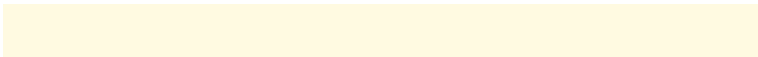
Harmonies

Analogous

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



92.6777, 95.0675, 85.5328



89.0162, 95.0675, 84.8924



85.8013, 95.0675, 88.9809

Triad

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



89.0162, 95.0675, 84.8924



85.1311, 95.0675, 117.3665



97.2060, 95.0675, 110.2381

Complementary

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



89.0162, 95.0675, 84.8924



77.3975, 79.8190, 105.9351

Split Complementary

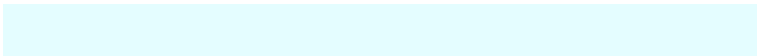
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.0750, 95.0675, 119.5456



89.0162, 95.0675, 84.8924



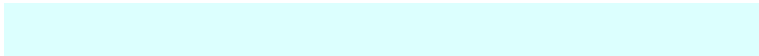
88.0789, 95.0675, 123.8500

Square

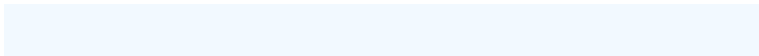
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.0162, 95.0675, 84.8924



83.5990, 95.0675, 107.4250



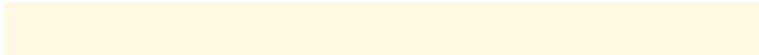
91.7148, 95.0675, 124.6734



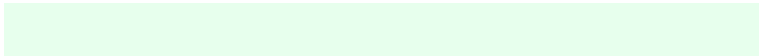
97.4735, 95.0675, 99.6959

Rectangle

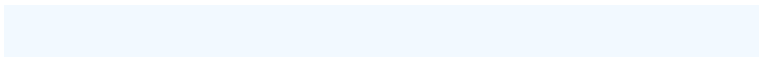
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.0162, 95.0675, 84.8924



84.3182, 95.0675, 94.0111



91.7148, 95.0675, 124.6734



96.6812, 95.0675, 113.6331

Sweetspot

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



89.0185, 95.0715, 84.8944



92.9116, 98.2818, 100.2995



82.4489, 80.8247, 86.1193



19.8030, 20.9682, 21.1329



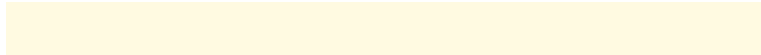
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



89.0185, 95.0715, 84.8944



87.9591, 94.1770, 80.7671



87.0073, 96.3689, 85.2509



19.2887, 20.5456, 19.0934



34.0181, 36.0475, 5.1649



3.3775, 3.6404, 0.5247

Inverse Universe

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



77.3975, 79.8190, 105.9351



74.3447, 76.3085, 105.4184



79.2371, 78.7339, 105.6287



17.2473, 17.8662, 22.7894



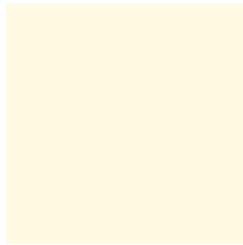
9.9436, 4.7968, 49.8364



1.0336, 0.5979, 4.8742

Previews

White Background



This preview shows how the XYZ color 89.0162, 95.0675, 84.8924 looks on a white background.

Color Contrast Check

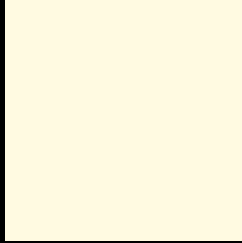
Large Text (above 18pt) WCAG AA × Fail

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 89.0162, 95.0675, 84.8924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

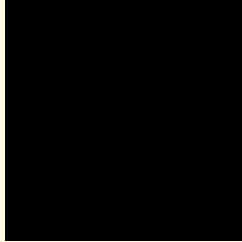
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.0162, 95.0675, 84.8924

Background



This preview shows how black text looks on a background with the XYZ color 89.0162, 95.0675, 84.8924.

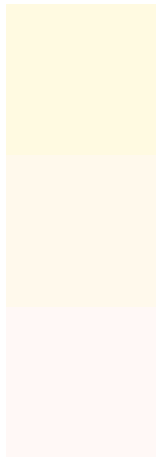


This preview shows how white text looks on a background with the XYZ color 89.0162, 95.0675,

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

89.0162, 95.0675, 84.8924

Protanopia

90.2560, 95.0675, 92.9497

Deuteranopia

91.4420, 95.0486, 100.7155

Tritanopia

92.4905, 95.4256, 108.1520

Trichromacy



Original Color

89.0162, 95.0675, 84.8924

Protanomaly

89.6812, 94.8376, 89.9227

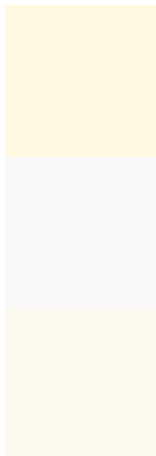
Deuteranomaly

90.5483, 95.1844, 94.4889

Tritanomaly

91.0779, 95.3538, 99.1928

Monochromacy



Original Color

89.0162, 95.0675, 84.8924

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.3875, 94.5519, 95.9772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.0162, 95.0675, 84.8924 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, 250, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 225)  
}
```

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, 250, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 225) }
```

Border

The CSS property to change the border of an element to XYZ 89.0162, 95.0675, 84.8924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

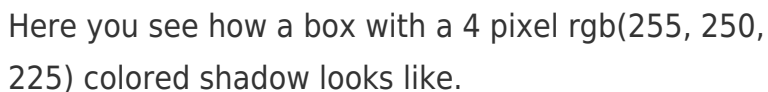
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 250, 225) }
```


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

```
.border{ border-color:rgb(255, 250, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 250, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 250, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 250, 225); box-shadow:4px 4px 4px 4px rgb(255, 250, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 89.0162, 95.0675, 84.8924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 225) }
```

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

```
.background{ background-color: rgb(255,  
250, 225) }
```

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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