

Converting Colors

XYZ(93.1027, 90.8946, 79.3967)

Have a look what the booklet for
XYZ(93.1027, 90.8946, 79.3967)
contains.

XYZ(84.0216, 86.3654, 79.2596)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.0216, 86.3654,
79.2596)**

Conversions

Conversions Part 1

Format	Color
Hex	FFECDB
RGB	255, 236, 219
RGB Percent	100%, 93%, 86%
CMY	0.0000, 0.0745, 0.1412
CMYK	0.00, 0.07, 0.14, 0.00
HSL	28°, 100%, 93%
HSV	28°, 14%, 100%
XYZ	84.0216, 86.3654, 79.2596
YIQ	239.7430, 16.7810, -1.2590

Conversions

Conversions Part 2

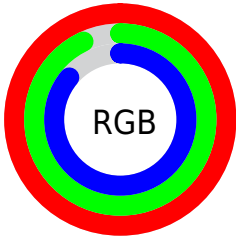
Format	Color
R _Y B	255, 251, 219
Decimal	16772315
CIE Lab	94.47, 3.71, 10.55
CIE LCh	94, 11.184, 70.625
Yxy	86.3654, 0.3366, 0.3460
Android (android.graphics.Color)	4294962395 (0xFFFFEADB)
YUV	239.7430, -10.2263, 13.3804
Hunter-Lab	92.9330, -1.2492, 14.4865

Details

The XYZ color **84.0216, 86.3654, 79.2596** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.8372, 83.4268, 106.6083**, and the grayscale version is **82.6935, 87.0000, 94.7430**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3108, 47.3286, 41.8165** is the 20% darker color. If you saturate the color by 10%, you get **77.1898, 77.6688, 61.6693**, and if you desaturate by 10%, it is **91.6637, 95.8588, 99.6593**.

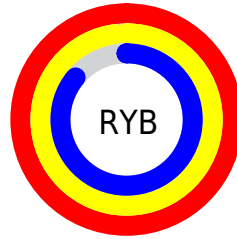
Distribution



Red (100%)

Green (93%)

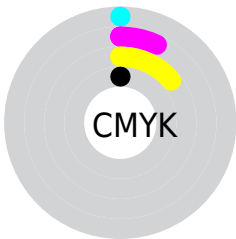
Blue (86%)



Red (100%)

Yellow (98%)

Blue (86%)

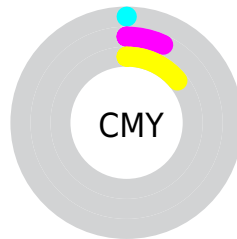


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0216, 86.3654, 79.2596 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 84.0216, 86.3654, 79.2596 by changing the saturation by 10% instead.


 84.0216, 86.3654,
79.2596

 84.0216, 86.3654,
79.2596


496.9175,
516.1353, 512.0749

 63.3530, 64.9702,
58.5867


137.9265,
142.2793, 134.1262

 46.3866, 47.4369,
41.8627


171.8935,
177.5667, 169.1571

 32.7569, 33.3812,
28.6690

211.0241,
218.2537, 209.8109

 22.0986, 22.4186,
18.5872

255.6836,
264.7246, 256.5064

 14.0464, 14.1648,
11.1986

306.2373,
317.3638, 309.6620

 8.2349, 8.2354,
6.0847

363.0506,

 4.2987, 4.2459,

376.5557, 369.6962

2.8270

426.4889,
442.6848, 437.0277

■ 1.8724, 1.8121,
1.0070

■ 0.5607, 0.4947,
0.0000

■ 84.0216, 86.3654,
79.2596

■ 84.0216, 86.3654,
79.2596

■ 77.1898, 77.6688,
61.6693

■ 91.6637, 95.8588,
99.6593

■ 71.1324, 69.7359,
46.7579

95.0500, 100.0000,
108.9000

■ 65.8197, 62.5469,
34.3928

■ 61.2175, 56.0774,
24.4277

■ 57.2885, 50.3009,
16.7010

■ 53.9913, 45.1891,
11.0312

■ 51.2785, 40.7105,
7.2078

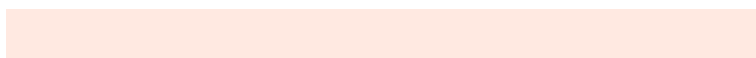
■ 49.0938, 36.8295,
4.9733

■ 48.0113, 34.8026,
4.1871

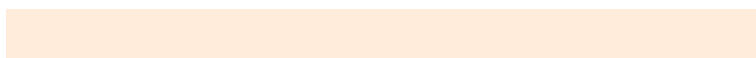
Harmonies

Analogous

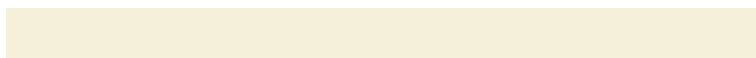
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5566, 86.3654, 83.6585



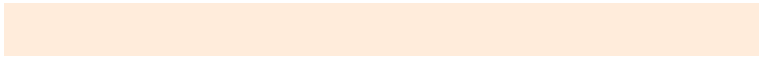
84.0216, 86.3654, 79.2596



81.0258, 86.3654, 78.6774

Triad

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



84.0216, 86.3654, 79.2596



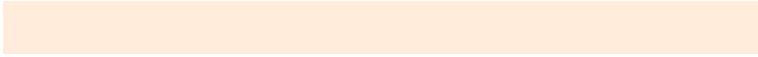
76.5329, 86.3654, 97.1248



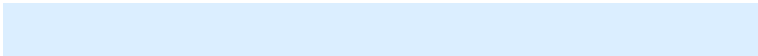
85.9117, 86.3654, 107.1788

Complementary

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



84.0216, 86.3654, 79.2596



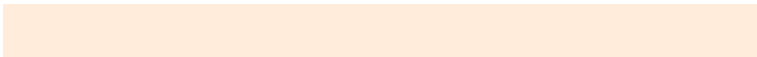
77.8372, 83.4268, 106.6083

Split Complementary

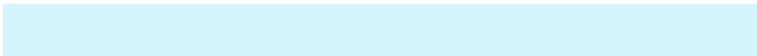
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1588, 86.3654, 111.2764



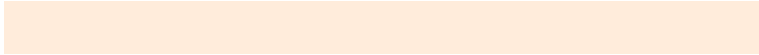
84.0216, 86.3654, 79.2596



77.7754, 86.3654, 105.2407

Square

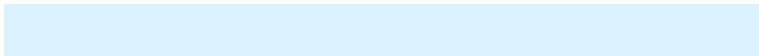
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0216, 86.3654, 79.2596



76.7511, 86.3654, 88.6480



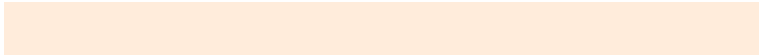
80.1837, 86.3654, 110.5462



87.6661, 86.3654, 99.6405

Rectangle

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



84.0216, 86.3654, 79.2596



79.1763, 86.3654, 80.4905



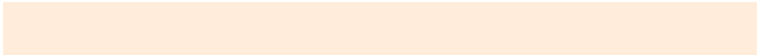
80.1837, 86.3654, 110.5462



85.0697, 86.3654, 109.0245

Sweetspot

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



84.0237, 86.3691, 79.2614



91.7580, 95.9745, 99.9150



82.0341, 78.1088, 91.7965



19.5107, 20.3836, 21.0355



0.0000, 0.0000, 0.0000



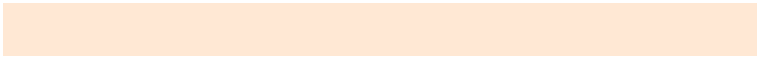
20.3446, 21.4041, 23.3091

Same Dimension

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



84.0237, 86.3691, 79.2614



81.9720, 83.7807, 73.9070



89.4048, 97.1313, 81.0551



18.7170, 19.4021, 18.9028



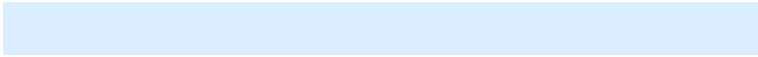
25.2338, 18.4788, 2.2368



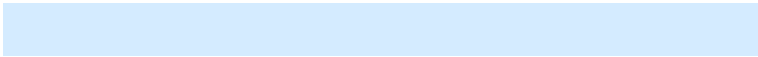
2.5653, 2.0159, 0.2539

Inverse Universe

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



77.8372, 83.4268, 106.6083



74.6724, 80.3088, 106.1732



72.9101, 73.5727, 104.9659



17.7964, 18.9643, 22.9725



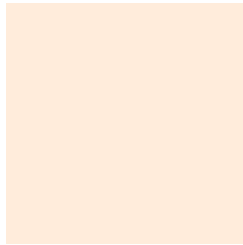
14.0764, 13.0623, 51.2140



1.4800, 1.4907, 5.0230

Previews

White Background



This preview shows how the XYZ color 84.0216, 86.3654, 79.2596 looks on a white background.

Color Contrast Check

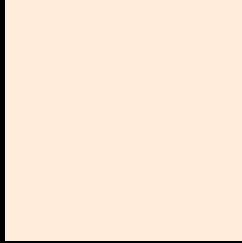
Large Text (above 18pt) WCAG AA × Fail

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 84.0216, 86.3654, 79.2596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

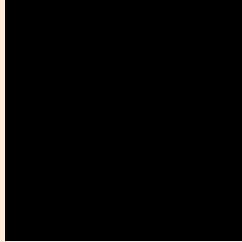
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.0216, 86.3654, 79.2596

Background



This preview shows how black text looks on a background with the XYZ color 84.0216, 86.3654, 79.2596.



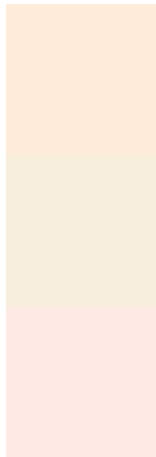
This preview shows how white text looks on a background with the XYZ color 84.0216, 86.3654,

79.2596.

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

84.0216, 86.3654, 79.2596

Protanopia

82.2042, 86.2728, 80.0298

Deuteranopia

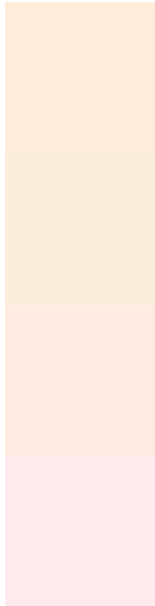
85.2313, 86.3898, 87.0456



Tritanopia

87.1674, 86.2532, 100.0500

Trichromacy



Original Color

84.0216, 86.3654, 79.2596

Protanomaly

82.9861, 86.2449, 79.9832

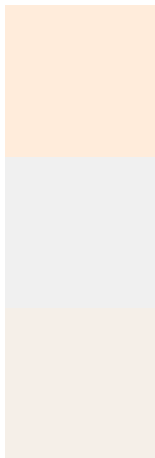
Deuteranomaly

84.6758, 86.1676, 84.1206

Tritanomaly

85.9489, 86.2201, 92.2329

Monochromacy



Original Color

84.0216, 86.3654, 79.2596

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.0882, 86.9717, 88.7519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0216, 86.3654, 79.2596 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, 236, 219) looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 219)  
}
```

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, 236, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 219) }
```

Border

The CSS property to change the border of an element to XYZ 84.0216, 86.3654, 79.2596 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, 236, 219) }
```


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

```
.border{ border-color:rgb(255, 236, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0216, 86.3654, 79.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 219) }
```

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

```
.background{ background-color: rgb(255,  
236, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor