

Converting Colors

XYZ(79.5207, 84.6428, 69.8558)

Have a look what the booklet for
XYZ(79.5207, 84.6428, 69.8558)
contains.

XYZ(79.6614, 84.7503, 69.9174)	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(79.6614, 84.7503,
69.9174)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EDCD
RGB	247, 237, 205
RGB Percent	97%, 93%, 80%
CMY	0.0314, 0.0706, 0.1961
CMYK	0.00, 0.04, 0.17, 0.03
HSL	46°, 72%, 89%
HSV	46°, 17%, 97%
XYZ	79.6614, 84.7503, 69.9174
YIQ	236.3420, 16.2320, -7.8320

Conversions

Conversions Part 2

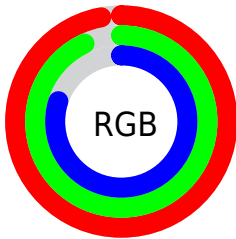
Format	Color
R _Y B	218, 247, 205
Decimal	16248269
CIE Lab	93.78, -1.75, 16.72
CIE LCh	94, 16.813, 95.980
Yxy	84.7503, 0.3400, 0.3617
Android (android.graphics.Color)	4294438349 (0xFFF7EDCD)
YUV	236.3420, -15.4516, 9.3471
Hunter-Lab	92.0599, -6.6450, 19.4126

Details

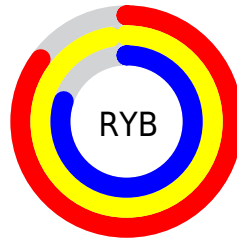
The XYZ color **79.6614, 84.7503, 69.9174** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.2655, 68.2939, 97.6858**, and the grayscale version is **80.0988, 84.2702, 91.7702**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3450, 46.2293, 35.9168** is the 20% darker color. If you saturate the color by 10%, you get **75.2388, 80.3055, 54.8763**, and if you desaturate by 10%, it is **84.6150, 89.5026, 87.4596**.

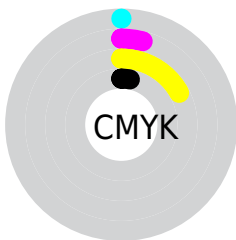
Distribution



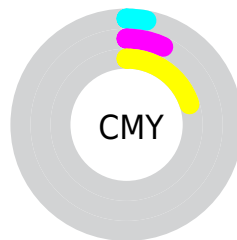
- Red (97%)
- Green (93%)
- Blue (80%)



- Red (85%)
- Yellow (97%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6614, 84.7503, 69.9174 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 79.6614, 84.7503, 69.9174 by changing the saturation by 10% instead.

79.6614, 84.7503,
69.9174

79.6614, 84.7503,
69.9174

482.5449,
510.8015, 479.0412

59.7473, 63.6351,
50.9828

131.8426,
140.0243, 120.7710

43.4636, 46.3552,
35.8183

164.8404,
174.9518, 153.5270

30.4452, 32.5262,
24.0053

202.9301,
215.2522, 191.7273

20.3265, 21.7637,
15.1253

246.4771,
261.3099, 235.7904

12.7422, 13.6834,
8.7598

295.8467,
313.5093, 286.1348

7.3270, 7.9008,
4.4902

351.4043,

3.7156, 4.0315,

372.2347, 343.1790

1.8979

413.5153,
437.8707, 407.3416

■ 1.5425, 1.6912,
0.4914

■ 0.3545, 0.4180,
0.0000

■ 79.6614, 84.7503,
69.9174

■ 79.6614, 84.7503,
69.9174

■ 75.2388, 80.3055,
54.8763

■ 84.6150, 89.5026,
87.4596

■ 71.3180, 76.1469,
42.2149

■ 90.1141, 94.5602,
107.6062

■ 67.8768, 72.2677,
31.8093

■ 92.0533, 98.2849,
108.7269

■ 64.8888, 68.6566,
23.5227

■ 92.1680, 98.5143,
108.7651

■ 62.3245, 65.3007,
17.2030

■ 60.1508, 62.1860,
12.6778

■ 58.3285, 59.2959,
9.7447

■ 56.8082, 56.6097,
8.1452

■ 56.3885, 55.8352,
7.8053

Harmonies

Analogous

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



84.0988, 84.7503, 71.5894



79.6614, 84.7503, 69.9174



75.6124, 84.7503, 73.7742

Triad

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



79.6614, 84.7503, 69.9174



73.8017, 84.7503, 107.4937



88.6532, 84.7503, 102.6557

Complementary

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



79.6614, 84.7503, 69.9174



66.2655, 68.2939, 97.6858

Split Complementary

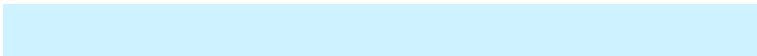
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.7035, 84.7503, 113.6444



79.6614, 84.7503, 69.9174



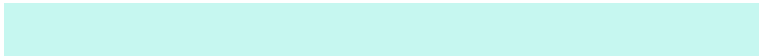
77.1075, 84.7503, 116.6133

Square

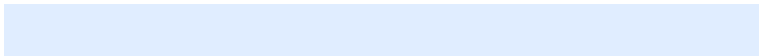
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6614, 84.7503, 69.9174



72.3107, 84.7503, 94.8643



81.4505, 84.7503, 118.9618



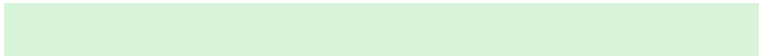
89.3982, 84.7503, 89.7405

Rectangle

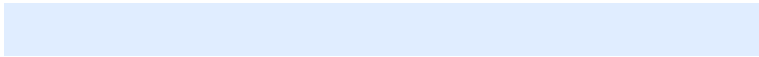
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6614, 84.7503, 69.9174



73.6430, 84.7503, 79.1920



81.4505, 84.7503, 118.9618



87.8815, 84.7503, 106.7330

Sweetspot

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



79.6637, 84.7541, 69.9192



92.1043, 97.2852, 98.1249



72.5201, 68.3699, 74.0029



19.6281, 20.7428, 20.6909



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

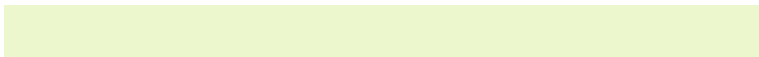
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6637, 84.7541, 69.9192



84.1488, 89.6390, 69.9937



79.0393, 88.8486, 70.7424



17.5610, 18.6060, 17.4633



29.9370, 29.7596, 4.1663



2.7097, 2.7726, 0.3923

Inverse Universe

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



66.2655, 68.2939, 97.6858



67.5427, 69.2392, 104.4124



66.7922, 64.9021, 97.0033



15.9013, 16.5669, 20.9022



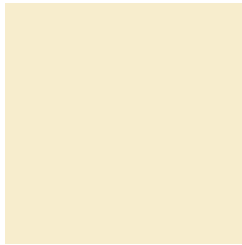
9.7907, 5.3753, 47.0595



0.9368, 0.6251, 4.1615

Previews

White Background



This preview shows how the XYZ color 79.6614, 84.7503, 69.9174 looks on a white background.

Color Contrast Check

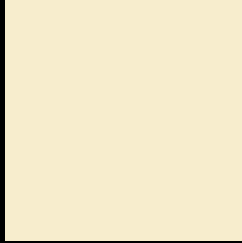
Large Text (above 18pt) WCAG AA × Fail

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 79.6614, 84.7503, 69.9174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

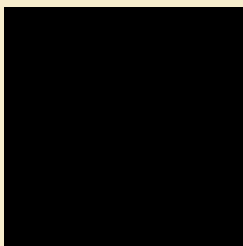
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

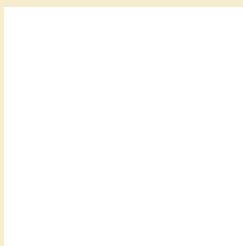
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6614, 84.7503, 69.9174

Background



This preview shows how black text looks on a background with the XYZ color 79.6614, 84.7503, 69.9174.



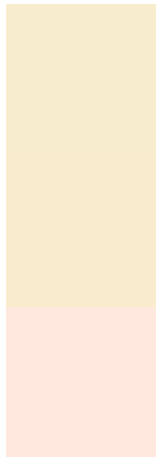
This preview shows how white text looks on a background with the XYZ color 79.6614, 84.7503,

69.9174.

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

79.6614, 84.7503, 69.9174

Protanopia

80.0818, 84.5384, 69.8544

Deuteranopia

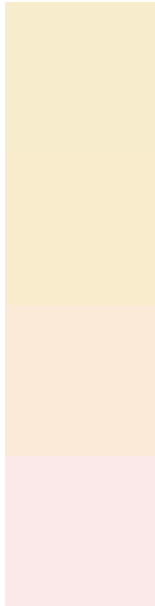
83.5637, 84.8118, 81.0733



Tritanopia

86.1828, 84.8740, 101.4625

Trichromacy



Original Color

79.6614, 84.7503, 69.9174

Protanomaly

79.7263, 84.3551, 69.8378

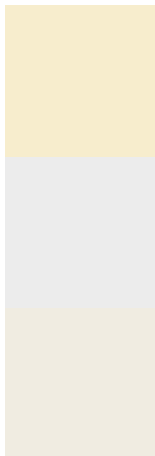
Deuteranomaly

81.9624, 84.4990, 76.9558

Tritanomaly

83.6306, 84.6702, 89.0260

Monochromacy



Original Color

79.6614, 84.7503, 69.9174

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.5212, 83.9524, 83.2474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6614, 84.7503, 69.9174 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(247, 237, 205)` looks like.

```
.text, #text, p{  
    color:rgb(247, 237, 205)  
}
```

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(247, 237, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 237, 205) }
```

Border

The CSS property to change the border of an element to XYZ 79.6614, 84.7503, 69.9174 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(247, 237, 205) }
```


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

```
.border{ border-color:rgb(247, 237, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 237, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 237, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 237, 205);  
box-shadow:4px 4px 4px 4px rgb(247, 237,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6614, 84.7503, 69.9174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 237, 205) }
```

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

```
.background{ background-color: rgb(247,  
237, 205) }
```

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