

Converting Colors

XYZ(79.0909, 84.8976, 69.6667)

Have a look what the booklet for
XYZ(79.0909, 84.8976, 69.6667)
contains.

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Color

**XYZ(79.2502, 84.9693,
69.9814)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EECD
RGB	245, 238, 205
RGB Percent	96%, 93%, 80%
CMY	0.0392, 0.0666, 0.1961
CMYK	0.00, 0.03, 0.16, 0.04
HSL	50°, 67%, 88%
HSV	50°, 16%, 96%
XYZ	79.2502, 84.9693, 69.9814
YIQ	236.3310, 14.7650, -8.7790

Conversions

Conversions Part 2

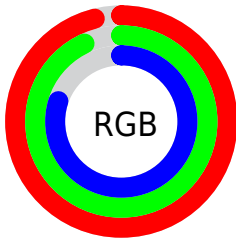
Format	Color
R _Y B	213, 245, 205
Decimal	16117453
CIE Lab	93.87, -2.97, 16.83
CIE LCh	94, 17.092, 100.011
Yxy	84.9693, 0.3384, 0.3628
Android (android.graphics.Color)	4294307533 (0xFFF5EECD)
YUV	236.3310, -15.4462, 7.6027
Hunter-Lab	92.1788, -7.8485, 19.5127

Details

The XYZ color **79.2502, 84.9693, 69.9814** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.2016, 66.6575, 95.8166**, and the grayscale version is **80.0911, 84.2621, 91.7614**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3001, 46.5091, 35.9731** is the 20% darker color. If you saturate the color by 10%, you get **75.2895, 81.4156, 55.1951**, and if you desaturate by 10%, it is **83.7083, 88.7752, 87.2202**.

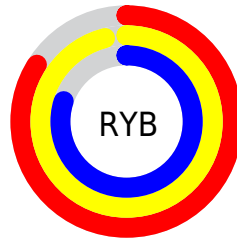
Distribution



Red (96%)

Green (93%)

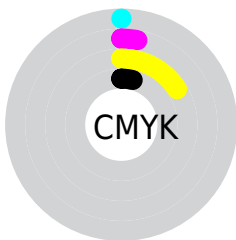
Blue (80%)



Red (84%)

Yellow (96%)

Blue (80%)

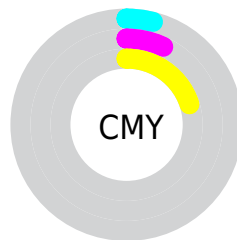


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (4%)



Cyan (4%)

Magenta (7%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2502, 84.9693, 69.9814 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 79.2502, 84.9693, 69.9814 by changing the saturation by 10% instead.

79.2502, 84.9693,
69.9814

79.2502, 84.9693,
69.9814

481.1775,
511.5265, 479.2721

59.4079, 63.8160,
51.0347

131.2671,
140.3303, 120.8631

43.1892, 46.5017,
35.8593

164.1724,
175.3068, 153.6351

30.2287, 32.6419,
24.0367

202.1627,
215.6598, 191.8527

20.1612, 21.8522,
15.1484

245.6035,
261.7737, 235.9343

12.6212, 13.7484,
8.7758

294.8600,
314.0329, 286.2985

7.2434, 7.9459,
4.5004

350.2975,

3.6625, 4.0603,

372.8219, 343.3638

1.9037

412.2816,
438.5249, 407.5488

■ 1.5130, 1.7074,
0.4951

■ 0.3347, 0.4284,
0.0000

■ 79.2502, 84.9693,
69.9814

■ 79.2502, 84.9693,
69.9814

■ 75.2895, 81.4156,
55.1951

■ 83.7083, 88.7752,
87.2202

■ 71.7978, 78.0937,
42.7427

■ 88.6772, 92.8305,
107.0120

■ 68.7538, 74.9978,
32.5037

■ 90.1599, 95.5393,
108.2967

■ 66.1320, 72.1173,
24.3449

■ 91.4665, 98.1526,
108.7323

■ 63.9042, 69.4406,
18.1183

■ 62.0385, 66.9546,
13.6569

■ 60.4974, 64.6439,
10.7649

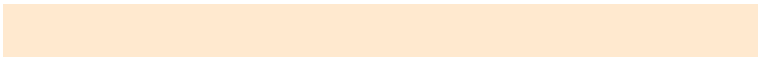
■ 59.2345, 62.4897,
9.1982

■ 58.8136, 61.7267,
8.8146

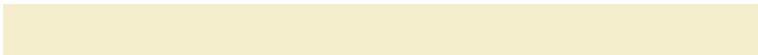
Harmonies

Analogous

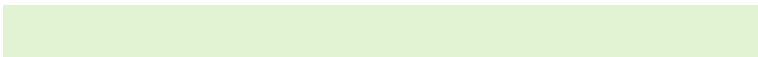
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7870, 84.9693, 70.9215



79.2502, 84.9693, 69.9814



75.2681, 84.9693, 74.6308

Triad

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



79.2502, 84.9693, 69.9814



74.2466, 84.9693, 109.5705



89.2603, 84.9693, 101.3448

Complementary

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



79.2502, 84.9693, 69.9814



65.2016, 66.6575, 95.8166

Split Complementary

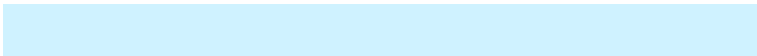
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.5143, 84.9693, 113.0547



79.2502, 84.9693, 69.9814



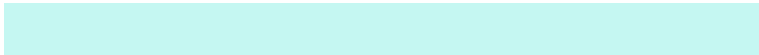
77.8083, 84.9693, 118.1040

Square

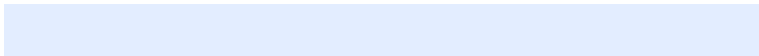
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2502, 84.9693, 69.9814



72.4519, 84.9693, 96.9392



82.2904, 84.9693, 119.4356



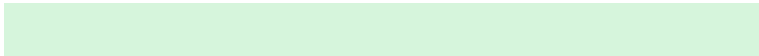
89.6818, 84.9693, 88.2316

Rectangle

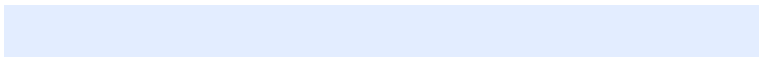
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2502, 84.9693, 69.9814



73.4213, 84.9693, 80.5555



82.2904, 84.9693, 119.4356



88.5738, 84.9693, 105.6078

Sweetspot

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



79.2525, 84.9731, 69.9832



92.3574, 97.7915, 98.2093



71.4143, 67.8466, 71.8410



19.6897, 20.8662, 20.7114



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.



79.2525, 84.9731, 69.9832



85.1196, 91.5806, 70.3173



77.0598, 86.9251, 70.4756



17.6537, 18.7916, 17.4942



31.7753, 33.4361, 4.7791



2.8561, 3.0654, 0.4411

Inverse Universe

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



65.2016, 66.6575, 95.8166



66.7257, 67.6050, 104.1400



67.1277, 65.1105, 95.4165



15.8154, 16.3951, 20.8736



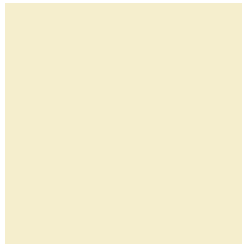
9.4104, 4.6147, 46.9328



0.8917, 0.5348, 4.1465

Previews

White Background



This preview shows how the XYZ color 79.2502, 84.9693, 69.9814 looks on a white background.

Color Contrast Check

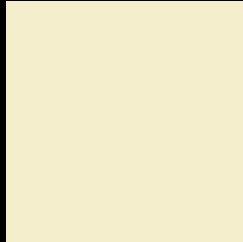
Large Text (above 18pt) WCAG AA × Fail

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 79.2502, 84.9693, 69.9814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

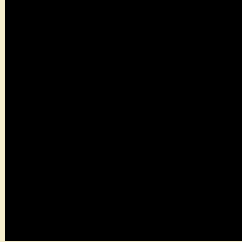
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2502, 84.9693, 69.9814

Background



This preview shows how black text looks on a background with the XYZ color 79.2502, 84.9693, 69.9814.



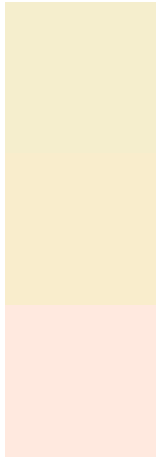
This preview shows how white text looks on a background with the XYZ color 79.2502, 84.9693,

69.9814.

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

79.2502, 84.9693, 69.9814

Protanopia

80.2502, 85.0677, 69.3168

Deuteranopia

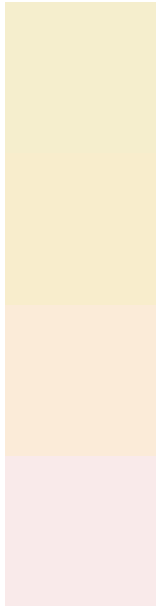
83.6982, 84.8655, 81.7814



Tritanopia

85.8956, 85.1246, 102.3460

Trichromacy



Original Color

79.2502, 84.9693, 69.9814

Protanomaly

79.8947, 84.8845, 69.3002

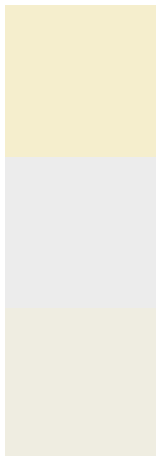
Deuteranomaly

81.8867, 84.8838, 77.0341

Tritanomaly

83.3410, 84.9259, 89.8417

Monochromacy



Original Color

79.2502, 84.9693, 69.9814

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.4714, 84.3553, 83.3278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2502, 84.9693, 69.9814 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(245, 238, 205) looks like.

```
.text, #text, p{  
    color:rgb(245, 238, 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(245, 238, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 238, 205) }
```

Border

The CSS property to change the border of an element to XYZ 79.2502, 84.9693, 69.9814 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(245, 238, 205) }
```


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

```
.border{ border-color:rgb(245, 238, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 238, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 238, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 238, 205);  
box-shadow:4px 4px 4px 4px rgb(245, 238,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2502, 84.9693, 69.9814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 238, 205) }
```

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

```
.background{ background-color: rgb(245,  
238, 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](#).

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