

Converting Colors

XYZ(79.4622, 85.3172, 79.7612)

Have a look what the booklet for
XYZ(79.4622, 85.3172, 79.7612)
contains.

XYZ(79.3814, 85.2510, 79.9814)	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(79.3814, 85.2510,
79.9814)**

Conversions

Conversions Part 1

Format	Color
Hex	EFEFDC
RGB	239, 239, 220
RGB Percent	94%, 94%, 86%
CMY	0.0627, 0.0627, 0.1372
CMYK	0.00, 0.00, 0.08, 0.06
HSL	60°, 37%, 90%
HSV	60°, 8%, 94%
XYZ	79.3814, 85.2510, 79.9814
YIQ	236.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

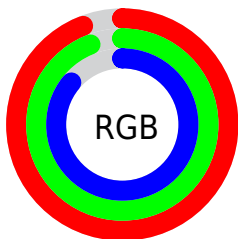
Format	Color
R_{YB}	220, 239, 220
Decimal	15724508
CIE Lab	93.99, -3.23, 9.18
CIE LCh	94, 9.736, 109.403
Yxy	85.2510, 0.3245, 0.3485
Android (android.graphics.Color)	4293914588 (0xFFEFDFDC)
YUV	236.8340, -8.2992, 1.8996
Hunter-Lab	92.3315, -8.1158, 13.2725

Details

The XYZ color **79.3814, 85.2510, 79.9814** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.6916, 72.6363, 91.9602**, and the grayscale version is **80.4291, 84.6177, 92.1487**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2535, 46.6509, 42.3221** is the 20% darker color. If you saturate the color by 10%, you get **76.4387, 84.0765, 64.4846**, and if you desaturate by 10%, it is **82.7814, 86.6140, 97.8654**.

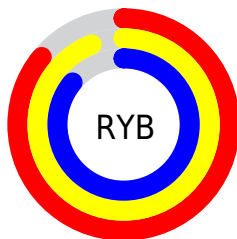
Distribution



Red (94%)

Green (94%)

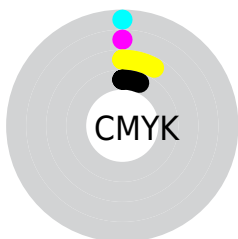
Blue (86%)



Red (86%)

Yellow (94%)

Blue (86%)

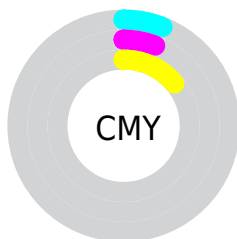


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3814, 85.2510, 79.9814 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 79.3814, 85.2510, 79.9814 by changing the saturation by 10% instead.

79.3814, 85.2510,
79.9814

79.3814, 85.2510,
79.9814

481.6140,
512.4582, 514.5753

59.5162, 64.0488,
59.1770

131.4508,
140.7238, 135.1507

43.2767, 46.6902,
42.3346

164.3856,
175.7632, 170.3527

30.2978, 32.7908,
29.0359

202.4077,
216.1838, 211.1910

20.2139, 21.9662,
18.8622

245.8823,
262.3699, 258.0841

12.6598, 13.8321,
11.3949

295.1749,
314.7061, 311.4505

7.2701, 8.0040,
6.2156

350.6508,

3.6794, 4.0975,

373.5766, 371.7088

2.9057

412.6754,
439.3658, 439.2775

■ 1.5224, 1.7282,
1.0467

■ 0.3410, 0.4418,
0.0000

■ 79.3814, 85.2510,
79.9814

■ 79.3814, 85.2510,
79.9814

■ 76.4387, 84.0765,
64.4846

■ 82.7814, 86.6140,
97.8654

■ 73.9272, 83.0717,
51.2689


■ 84.5190, 87.3092,
107.0055


■ 71.8287, 82.2320,
40.2283


■ 84.5209, 87.3102,
107.0056


■ 70.1211, 81.5488,
31.2462


■ 84.5227, 87.3112,
107.0057

 68.7803, 81.0123,
24.1954


 84.5246, 87.3121,
107.0057


 67.7794, 80.6117,
18.9343


 84.5265, 87.3131,
107.0058


 67.0878, 80.3348,
15.3021

 84.5284, 87.3141,
107.0059

 66.6695, 80.1673,
13.1093

 84.5302, 87.3150,
107.0060

 66.4752, 80.0893,
12.0958

 84.5321, 87.3160,
107.0061

Harmonies

Analogous

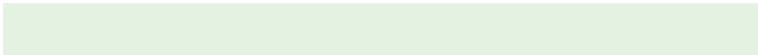
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.9500, 85.2510, 79.4681



79.3814, 85.2510, 79.9814



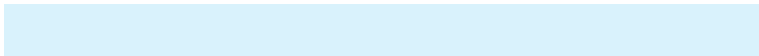
77.2968, 85.2510, 83.8277

Triad

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



79.3814, 85.2510, 79.9814



77.8232, 85.2510, 104.1082



86.0352, 85.2510, 95.4780

Complementary

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



79.3814, 85.2510, 79.9814



70.6916, 72.6363, 91.9602

Split Complementary

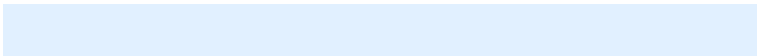
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.8784, 85.2510, 102.4416



79.3814, 85.2510, 79.9814



80.1139, 85.2510, 107.5980

Square

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



79.3814, 85.2510, 79.9814



76.4106, 85.2510, 97.6549



82.6983, 85.2510, 106.9723



85.8289, 85.2510, 88.1548

Rectangle

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



79.3814, 85.2510, 79.9814



76.4448, 85.2510, 87.8846



82.6983, 85.2510, 106.9723



85.7919, 85.2510, 97.9448

Sweetspot

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



79.3837, 85.2547, 79.9832



94.2392, 99.6756, 104.6327



74.1107, 74.7065, 78.2251



20.1796, 21.3381, 22.4404



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.



79.3837, 85.2547, 79.9832



91.2106, 98.4640, 88.6934



76.2608, 83.6448, 79.8371



17.1226, 18.4589, 16.8102



36.7188, 44.2508, 6.6060



3.0548, 3.6813, 0.5496

Inverse Universe

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



70.6916, 72.6363, 91.9602



78.6826, 80.2771, 105.9557



73.6486, 74.1607, 92.0985



14.8977, 15.2290, 19.8759



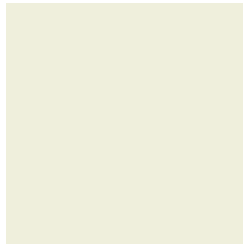
8.6104, 3.4442, 45.3389



0.7164, 0.2866, 3.7718

Previews

White Background



This preview shows how the XYZ color 79.3814, 85.2510, 79.9814 looks on a white background.

Color Contrast Check

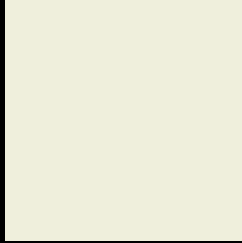
Large Text (above 18pt) WCAG AA × Fail

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 79.3814, 85.2510, 79.9814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

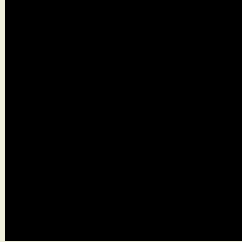
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

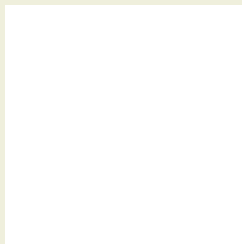
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3814, 85.2510, 79.9814

Background



This preview shows how black text looks on a background with the XYZ color 79.3814, 85.2510, 79.9814.



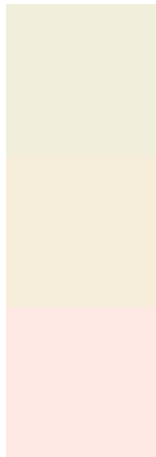
This preview shows how white text looks on a background with the XYZ color 79.3814, 85.2510,

79.9814.

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

79.3814, 85.2510, 79.9814

Protanopia

81.0764, 85.2757, 79.2045

Deuteranopia

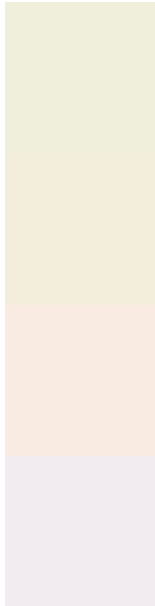
84.5218, 85.1950, 86.1182



Tritanopia

84.4607, 85.1706, 104.9165

Trichromacy



Original Color

79.3814, 85.2510, 79.9814

Protanomaly

80.3229, 85.3182, 79.2524

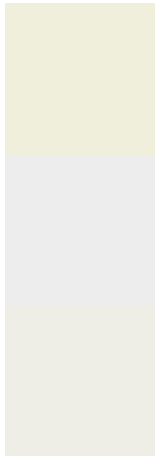
Deuteranomaly

82.5027, 85.0474, 84.0189

Tritanomaly

82.4906, 85.2190, 95.3203

Monochromacy



Original Color

79.3814, 85.2510, 79.9814

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.2582, 85.0957, 87.7964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3814, 85.2510, 79.9814 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(239, 239, 220) looks like.

```
.text, #text, p{  
    color:rgb(239, 239, 220)  
}
```

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(239, 239, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 239, 220) }
```

Border

The CSS property to change the border of an element to XYZ 79.3814, 85.2510, 79.9814 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(239, 239, 220) }
```


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

```
.border{ border-color:rgb(239, 239, 220) }
```

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

Here you see how a box with a 4 pixel rgb(239, 239, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 239,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3814, 85.2510, 79.9814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 239, 220) }
```

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

```
.background{ background-color: rgb(239,  
239, 220) }
```

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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