

Converting Colors

XYZ(74.8937, 79.9585, 59.7556)

Have a look what the booklet for
XYZ(74.8937, 79.9585, 59.7556)
contains.

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Color

**XYZ(74.7234, 79.8806,
59.6243)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F3E7BD |
| RGB | 243, 231, 189 |
| RGB Percent | 95%, 91%, 74% |
| CMY | 0.0471, 0.0941, 0.2588 |
| CMYK | 0.00, 0.05, 0.22, 0.05 |
| HSL | 47°, 69%, 85% |
| HSV | 47°, 22%, 95% |
| XYZ | 74.7234, 79.8806, 59.6243 |
| YIQ | 229.8000, 20.6340, -10.5180 |

Conversions

Conversions Part 2

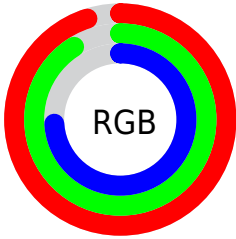
| Format | Color |
|-------------------------------------|---|
| RYB | 204, 243, 189 |
| Decimal | 15984573 |
| CIELab | 91.63, -2.46, 21.95 |
| CIELCh | 92, 22.083, 96.392 |
| Yxy | 79.8806, 0.3488, 0.3729 |
| Android (android.graphics.Color) | 4294174653 (0xFFFF3E7BD) |
| YUV | 229.8000, -20.1144, 11.5764 |
| Hunter-Lab | 89.3759, -7.1717, 23.0097 |

Details

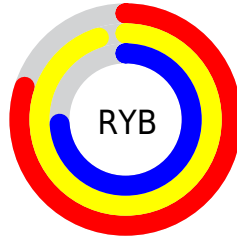
The XYZ color **74.7234, 79.8806, 59.6243** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.0504, 59.0619, 93.1351**, and the grayscale version is **75.2010, 79.1173, 86.1587**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **40.2190, 43.2673, 29.5242** is the 20% darker color. If you saturate the color by 10%, you get **70.8167, 75.9404, 46.3808**, and if you desaturate by 10%, it is **79.1228, 84.0979, 75.2143**.

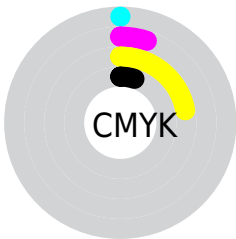
Distribution



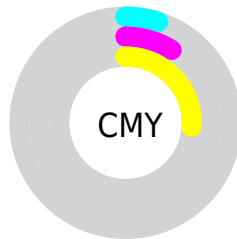
- Red (95%)
- Green (91%)
- Blue (74%)



- Red (80%)
- Yellow (95%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7234, 79.8806, 59.6243 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 74.7234, 79.8806, 59.6243 by changing the saturation by 10% instead.


 74.7234, 79.8806,
59.6243

 74.7234, 79.8806,
59.6243


465.9782,
494.5304, 440.9777

 55.6797, 59.6201,
42.6926


 124.9107,
133.1978, 105.8225

 40.1822, 43.1125,
29.3144


156.7851,
167.0234, 135.9261

 27.8654, 29.9734,
19.0711


193.6671,
206.1394, 171.2573

 18.3642, 19.8184,
11.5444

235.9220,
250.9303, 212.2348

 11.3130, 12.2631,
6.3155

283.9152,
301.7804, 259.2770

 6.3466, 6.9231,
2.9660

338.0120,

 3.0996, 3.4141,

359.0742, 312.8025

1.0773

398.5779,
423.1961, 373.2299

■ 1.2067, 1.3515,
0.0000

■ 0.1116, 0.1806,
0.0000

■ 74.7234, 79.8806,
59.6243

■ 74.7234, 79.8806,
59.6243

■ 70.8167, 75.9404,
46.3808

■ 79.1228, 84.0979,
75.2143

■ 67.3742, 72.2571,
35.3626

■ 84.0297, 88.5907,
93.2537

■ 64.3734, 68.8236,
26.4455

■ 88.3341, 92.9183,
107.8871

■ 61.7879, 65.6288,
19.4909

■ 90.0106, 96.2712,
108.4459

■ 59.5875, 62.6599,
14.3434

■ 90.7724, 97.7948,
108.6998

■ 57.7381, 59.9026,
10.8242

■ 56.1981, 57.3394,
8.7174

■ 55.1649, 55.4599,
7.7973

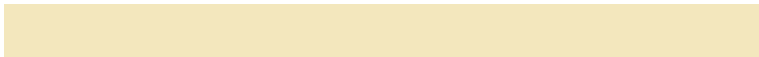
Harmonies

Analogous

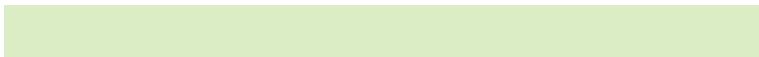
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3493, 79.8806, 61.5142



74.7234, 79.8806, 59.6243



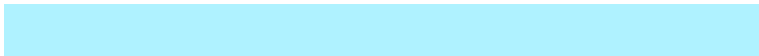
69.6714, 79.8806, 64.2994

Triad

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



74.7234, 79.8806, 59.6243



67.5268, 79.8806, 106.7303



86.2983, 79.8806, 100.0132

Complementary

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



74.7234, 79.8806, 59.6243



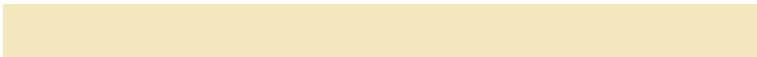
58.0504, 59.0619, 93.1351

Split Complementary

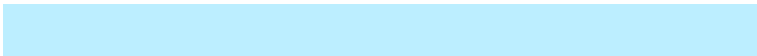
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5401, 79.8806, 114.4419



74.7234, 79.8806, 59.6243



71.6645, 79.8806, 118.6434

Square

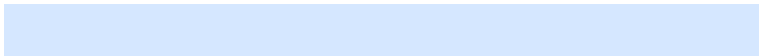
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7234, 79.8806, 59.6243



65.6512, 79.8806, 90.4794



77.1376, 79.8806, 121.6269



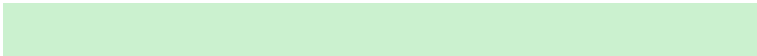
87.2164, 79.8806, 83.5650

Rectangle

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



74.7234, 79.8806, 59.6243



67.2477, 79.8806, 70.8970



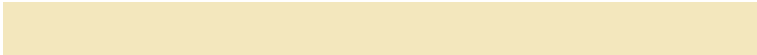
77.1376, 79.8806, 121.6269



85.3165, 79.8806, 105.3198

Sweetspot

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



74.7255, 79.8842, 59.6260



91.0561, 96.3994, 94.0435



65.7740, 59.6963, 63.6860



19.4189, 20.5686, 19.8689



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.



74.7255, 79.8842, 59.6260



81.1926, 86.9590, 59.0435



73.4223, 84.3683, 60.5602



17.5842, 18.6525, 17.4711



30.3811, 30.6478, 4.3144



2.7453, 2.8437, 0.4042

Inverse Universe

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



58.0504, 59.0619, 93.1351



59.3264, 59.6583, 102.9961



59.1139, 55.6201, 92.4147



15.8797, 16.5236, 20.8950



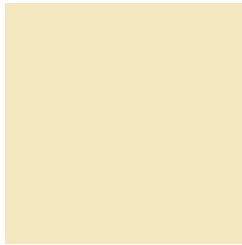
9.6840, 5.1617, 47.0239



0.9246, 0.6007, 4.1575

Previews

White Background



This preview shows how the XYZ color 74.7234, 79.8806, 59.6243 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 74.7234, 79.8806, 59.6243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

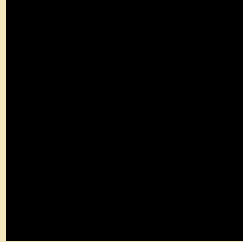
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7234, 79.8806, 59.6243

Background



This preview shows how black text looks on a background with the XYZ color 74.7234, 79.8806, 59.6243.

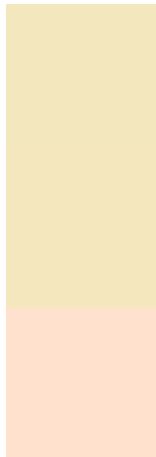


This preview shows how white text looks on a background with the XYZ color 74.7234, 79.8806,

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

74.7234, 79.8806, 59.6243

Protanopia

75.4174, 80.2384, 59.6568

Deuteranopia

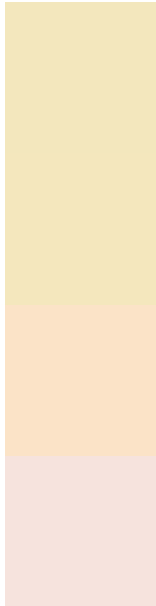
79.3058, 79.5667, 69.5706



Tritanopia

81.9572, 79.9862, 94.3384

Trichromacy



Original Color

74.7234, 79.8806, 59.6243

Protanomaly

75.0694, 80.0590, 59.6405

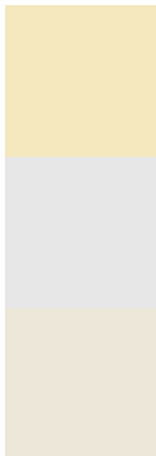
Deuteranomaly

77.6781, 79.6175, 65.9172

Tritanomaly

79.0117, 79.9863, 80.3818

Monochromacy



Original Color

74.7234, 79.8806, 59.6243

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8235, 79.1621, 75.6262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7234, 79.8806, 59.6243 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(243, 231, 189)` looks like.

```
.text, #text, p{  
    color:rgb(243, 231, 189)  
}
```

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(243, 231, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 231, 189) }
```

Border

The CSS property to change the border of an element to XYZ 74.7234, 79.8806, 59.6243 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(243, 231, 189) }
```


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

```
.border{ border-color:rgb(243, 231, 189) }
```

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

Here you see how a box with a 4 pixel rgb(243, 231, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 231, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 231, 189);  
box-shadow:4px 4px 4px 4px rgb(243, 231,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7234, 79.8806, 59.6243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 231, 189) }
```

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

```
.background{ background-color: rgb(243,  
231, 189) }
```

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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