

Converting Colors

XYZ(79.7516, 80.4887, 74.9508)

Have a look what the booklet for
XYZ(79.7516, 80.4887, 74.9508)
contains.

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Color

**XYZ(79.7516, 80.4887,
74.9508)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FCE3D6 |
| RGB | 252, 227, 214 |
| RGB Percent | 99%, 89%, 84% |
| CMY | 0.0118, 0.1098, 0.1608 |
| CMYK | 0.00, 0.10, 0.15, 0.01 |
| HSL | 21°, 86%, 91% |
| HSV | 21°, 15%, 99% |
| XYZ | 79.7516, 80.4887, 74.9508 |
| YIQ | 232.9930, 19.0730, 1.2570 |

Conversions

Conversions Part 2

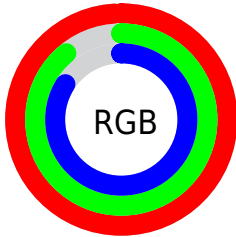
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 252, 234, 214 |
| Decimal | 16573398 |
| CIE Lab | 91.90, 6.49, 9.45 |
| CIE LCh | 92, 11.466, 55.502 |
| Yxy | 80.4887, 0.3391, 0.3422 |
| Android (android.graphics.Color) | 4294763478 (0xFFFC E3D6) |
| YUV | 232.9930, -9.3635, 16.6691 |
| Hunter-Lab | 89.7155, 1.6735, 13.2683 |

Details

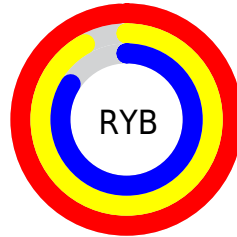
The XYZ color **79.7516, 80.4887, 74.9508** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.1683, 83.0556, 104.1131**, and the grayscale version is **77.5069, 81.5433, 88.8007**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5162, 43.6104, 38.9250** is the 20% darker color. If you saturate the color by 10%, you get **72.4620, 70.6671, 57.8522**, and if you desaturate by 10%, it is **87.9801, 91.3896, 94.8206**.

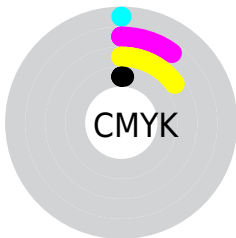
Distribution



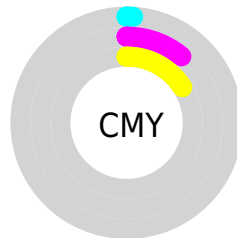
- Red (99%)
- Green (89%)
- Blue (84%)



- Red (99%)
- Yellow (92%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (1%)





- Cyan (1%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7516, 80.4887, 74.9508 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 79.7516, 80.4887, 74.9508 by changing the saturation by 10% instead.


 79.7516, 80.4887,
74.9508

 79.7516, 80.4887,
74.9508


482.8446,
496.5783, 496.9994

 59.8217, 60.1206,
55.0711


131.9688,
134.0526, 127.9892

 43.5239, 43.5158,
39.0597


164.9868,
168.0172, 161.9849

 30.4927, 30.2901,
26.4980


203.0983,
207.2827, 201.5231

 20.3628, 20.0589,
16.9674

246.6686,
252.2336, 247.0222

 12.7688, 12.4378,
10.0496

296.0630,
303.2541, 298.9009

 7.3454, 7.0426,
5.3258

351.6469,

 3.7273, 3.4888,

360.7289, 357.5776

2.3776

413.7856,
425.0421, 423.4709

■ 1.5490, 1.3919,
0.7742

■ 0.3588, 0.2108,
0.0000

■ 79.7516, 80.4887,
74.9508

■ 79.7516, 80.4887,
74.9508

■ 72.4620, 70.6671,
57.8522

■ 87.9801, 91.3896,
94.8206

■ 66.0695, 61.8804,
43.3954

■ 93.9552, 99.4356,
108.8488

■ 60.5390, 54.0967,
31.4483

■ 55.8302, 47.2784,
21.8653

■ 51.8992, 41.3852,
14.4855

■ 48.6976, 36.3738,
9.1277

■ 46.1704, 32.1965,
5.5812

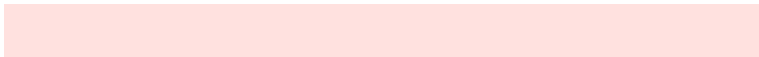
■ 44.2524, 28.7998,
3.5874

■ 43.4924, 27.3900,
2.9945

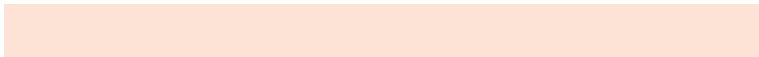
Harmonies

Analogous

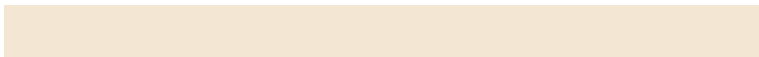
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7233, 80.4887, 80.8454



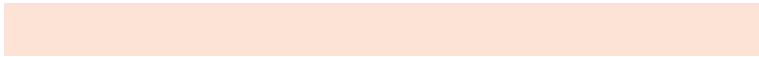
79.7516, 80.4887, 74.9508



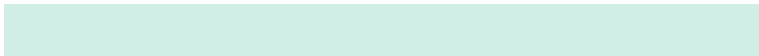
76.9467, 80.4887, 72.4565

Triad

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



79.7516, 80.4887, 74.9508



70.9990, 80.4887, 86.3739



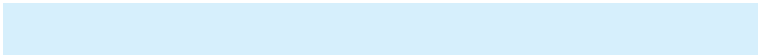
78.9641, 80.4887, 103.0925

Complementary

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



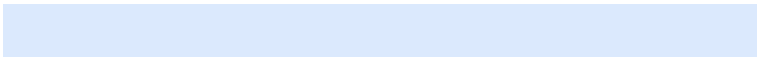
79.7516, 80.4887, 74.9508



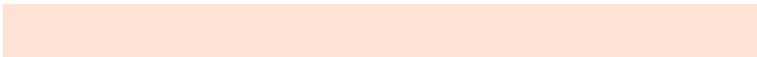
76.1683, 83.0556, 104.1131

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.



76.0592, 80.4887, 104.8056



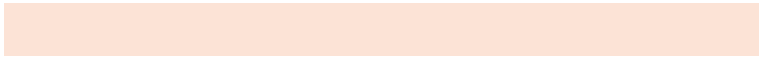
79.7516, 80.4887, 74.9508



71.5081, 80.4887, 94.8019

Square

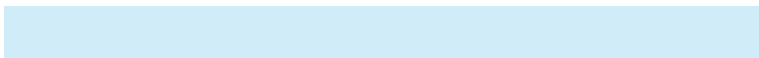
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7516, 80.4887, 74.9508



71.9332, 80.4887, 78.7775



73.3421, 80.4887, 101.6829



81.2605, 80.4887, 97.1402

Rectangle

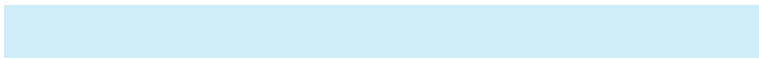
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7516, 80.4887, 74.9508



74.9998, 80.4887, 72.9329



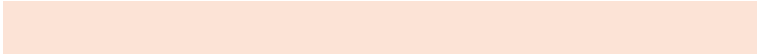
73.3421, 80.4887, 101.6829



78.0243, 80.4887, 104.1988

Sweetspot

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



79.7538, 80.4923, 74.9525



90.4473, 93.9712, 97.5726



79.8217, 75.0414, 92.1981



19.2253, 19.9372, 20.5566



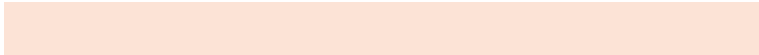
0.0000, 0.0000, 0.0000



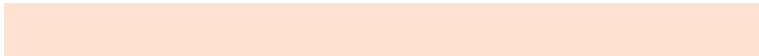
20.3446, 21.4041, 23.3091

Same Dimension

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



79.7538, 80.4923, 74.9525



79.6345, 79.6153, 71.5566



85.1378, 91.2603, 76.7472



17.7302, 18.1962, 18.0401



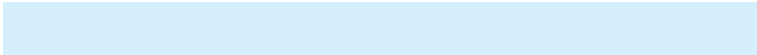
22.7781, 14.5129, 1.6007



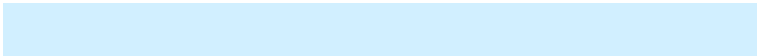
2.2040, 1.5328, 0.1797

Inverse Universe

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



76.1683, 83.0556, 104.1131



75.3247, 82.6938, 106.5992



70.9840, 72.6871, 102.3850



17.2364, 18.5497, 22.0573



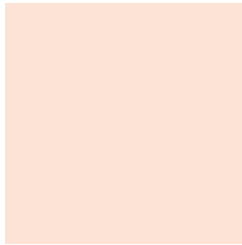
16.3756, 18.1067, 50.6054



1.6151, 1.8739, 4.7198

Previews

White Background



This preview shows how the XYZ color 79.7516, 80.4887, 74.9508 looks on a white background.

Color Contrast Check

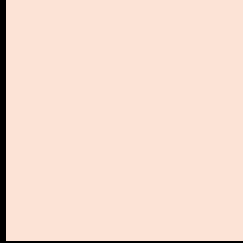
Large Text (above 18pt) WCAG AA × Fail

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 79.7516, 80.4887, 74.9508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

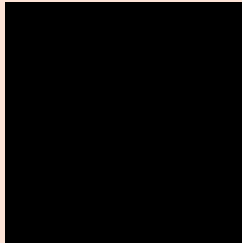
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

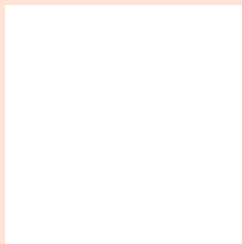
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7516, 80.4887, 74.9508

Background



This preview shows how black text looks on a background with the XYZ color 79.7516, 80.4887, 74.9508.



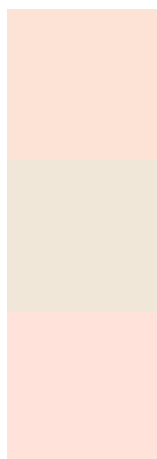
This preview shows how white text looks on a background with the XYZ color 79.7516, 80.4887,

74.9508.

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

79.7516, 80.4887, 74.9508

Protanopia

76.9058, 80.6350, 76.4765

Deuteranopia

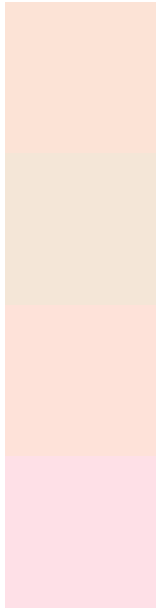
81.0912, 80.7147, 77.6352



Tritanopia

83.3559, 80.3266, 93.5493

Trichromacy



Original Color

79.7516, 80.4887, 74.9508

Protanomaly

77.8708, 80.7330, 75.7688

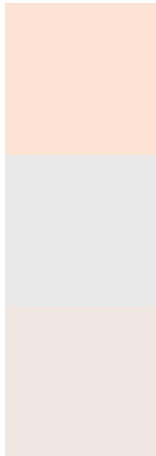
Deuteranomaly

80.5938, 80.4733, 76.9308

Tritanomaly

81.9525, 80.1517, 86.7528

Monochromacy



Original Color

79.7516, 80.4887, 74.9508

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.2386, 81.1681, 83.4949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7516, 80.4887, 74.9508 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(252, 227, 214) looks like.

```
.text, #text, p{  
    color:rgb(252, 227, 214)  
}
```

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(252, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 227, 214) }
```

Border

The CSS property to change the border of an element to XYZ 79.7516, 80.4887, 74.9508 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(252, 227, 214) }
```


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

```
.border{ border-color:rgb(252, 227, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 227, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(252, 227,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7516, 80.4887, 74.9508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 227, 214) }
```

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

```
.background{ background-color: rgb(252,  
227, 214) }
```

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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