

Converting Colors

XYZ(81.5483, 84.3519, 79.5065)

Have a look what the booklet for
XYZ(81.5483, 84.3519, 79.5065)
contains.

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Color

**XYZ(81.4080, 84.1527,
79.6626)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EADC
RGB	249, 234, 220
RGB Percent	98%, 92%, 86%
CMY	0.0235, 0.0823, 0.1372
CMYK	0.00, 0.06, 0.12, 0.02
HSL	29°, 71%, 92%
HSV	29°, 12%, 98%
XYZ	81.4080, 84.1527, 79.6626
YIQ	236.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

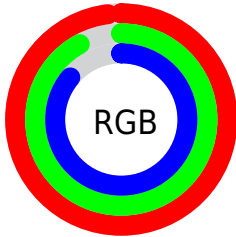
Format	Color
R _Y B	249, 247, 220
Decimal	16378588
CIE Lab	93.52, 2.78, 8.61
CIE LCh	94, 9.044, 72.074
Yxy	84.1527, 0.3320, 0.3432
Android (android.graphics.Color)	4294568668 (0xFFF9EADC)
YUV	236.8890, -8.3263, 10.6213
Hunter-Lab	91.7348, -2.1300, 12.7268

Details

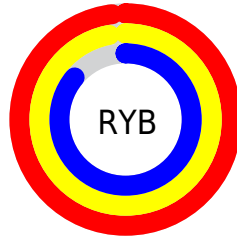
The XYZ color **81.4080, 84.1527, 79.6626** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.3221, 81.4703, 101.3260**, and the grayscale version is **80.4676, 84.6582, 92.1928**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4502, 45.7639, 42.0878** is the 20% darker color. If you saturate the color by 10%, you get **74.8201, 75.8666, 62.3903**, and if you desaturate by 10%, it is **88.7582, 93.1755, 99.6143**.

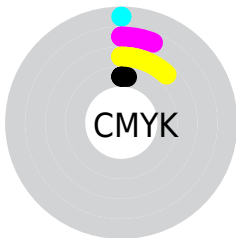
Distribution



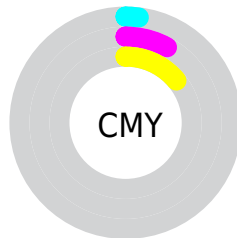
- Red (98%)
- Green (92%)
- Blue (86%)



- Red (98%)
- Yellow (97%)
- Blue (86%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4080, 84.1527, 79.6626 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 81.4080, 84.1527, 79.6626 by changing the saturation by 10% instead.


 81.4080, 84.1527,
79.6626

 81.4080, 84.1527,
79.6626


488.3299,
508.8202, 513.4718

 61.1901, 63.1415,
58.9162


134.2837,
139.1888, 134.6984

 44.6317, 45.9557,
42.1261


167.6722,
173.9824, 169.8248

 31.3675, 32.2109,
28.8737


206.1816,
214.1390, 210.5817

 21.0321, 21.5226,
18.7406

250.1773,
260.0430, 257.3876

 13.2600, 13.5065,
11.3081

300.0246,
312.0787, 310.6610

 7.6861, 7.7783,
6.1577

356.0889,

 3.9448, 3.9534,

370.6305, 370.8205

2.8709

418.7355,
436.0829, 438.2846

■ 1.6710, 1.6475,
1.0291

■ 0.4380, 0.3893,
0.0000

■ 81.4080, 84.1527,
79.6626

■ 81.4080, 84.1527,
79.6626

■ 74.8201, 75.8666,
62.3903

■ 88.7582, 93.1755,
99.6143

■ 68.9603, 68.2863,
47.6762

■ 92.8773, 98.8799,
108.7983

■ 63.8018, 61.3944,
35.3977

■ 59.3134, 55.1688,
25.4198

■ 55.4611, 49.5860,
17.5943

■ 52.2073, 44.6206,
11.7554

■ 49.5095, 40.2447,
7.7126

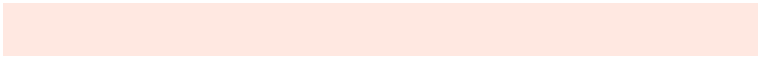
■ 47.3176, 36.4269,
5.2370

■ 45.8136, 33.6326,
4.0771

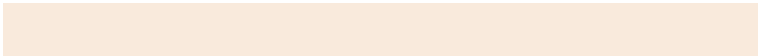
Harmonies

Analogous

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



83.4460, 84.1527, 83.0851



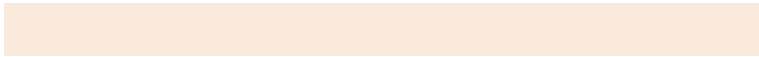
81.4080, 84.1527, 79.6626



79.0268, 84.1527, 79.3461

Triad

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



81.4080, 84.1527, 79.6626



75.5726, 84.1527, 94.4099



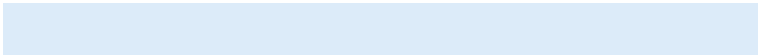
83.1051, 84.1527, 101.7530

Complementary

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



81.4080, 84.1527, 79.6626



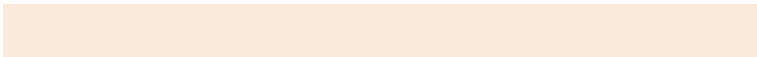
76.3221, 81.4703, 101.3260

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.



80.9502, 84.1527, 105.1160



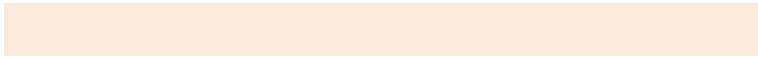
81.4080, 84.1527, 79.6626



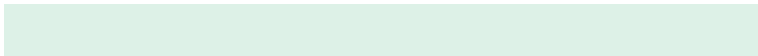
76.6203, 84.1527, 100.7372

Square

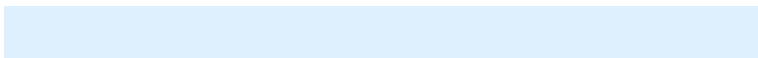
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4080, 84.1527, 79.6626



75.6896, 84.1527, 87.6349



78.5779, 84.1527, 104.7352



84.4391, 84.1527, 95.7405

Rectangle

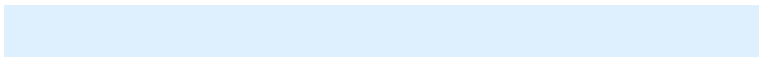
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4080, 84.1527, 79.6626



77.5680, 84.1527, 80.9177



78.5779, 84.1527, 104.7352



82.4509, 84.1527, 103.2440

Sweetspot

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



81.4103, 84.1564, 79.6644



92.5936, 97.0191, 102.1255



79.7240, 77.3525, 89.6808



19.6810, 20.5981, 21.4811



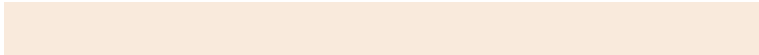
0.0000, 0.0000, 0.0000



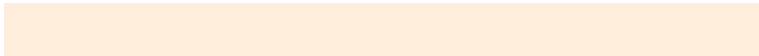
20.3446, 21.4041, 23.3091

Same Dimension

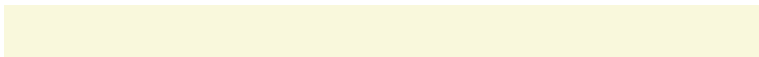
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4103, 84.1564, 79.6644



84.2170, 86.6928, 79.5198



85.5637, 92.4632, 81.0489



17.9364, 18.6086, 18.1089



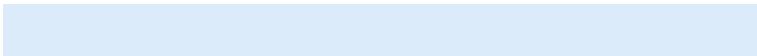
24.6639, 18.2844, 2.2293



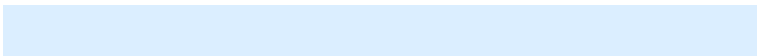
2.3899, 1.9046, 0.2417

Inverse Universe

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



76.3221, 81.4703, 101.3260



77.8584, 83.3359, 106.5896



72.4629, 73.7517, 100.0396



17.0254, 18.1277, 21.9870



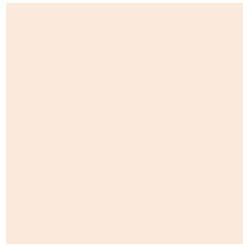
13.4806, 12.3167, 49.6404



1.3547, 1.3531, 4.6329

Previews

White Background



This preview shows how the XYZ color 81.4080, 84.1527, 79.6626 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 81.4080, 84.1527, 79.6626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

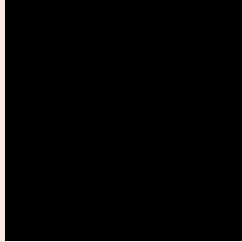
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4080, 84.1527, 79.6626

Background



This preview shows how black text looks on a background with the XYZ color 81.4080, 84.1527, 79.6626.



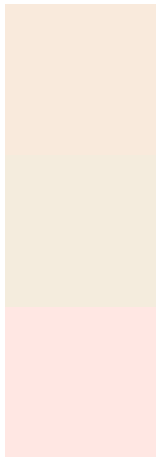
This preview shows how white text looks on a background with the XYZ color 81.4080, 84.1527,

79.6626.

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

81.4080, 84.1527, 79.6626

Protanopia

80.3548, 84.4445, 80.4709

Deuteranopia

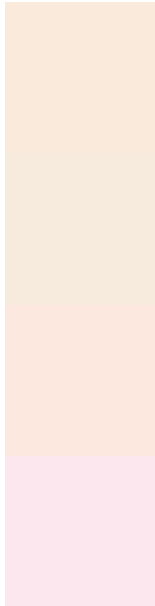
83.6810, 83.9579, 84.4681



Tritanopia

85.7481, 84.2536, 100.5501

Trichromacy



Original Color

81.4080, 84.1527, 79.6626

Protanomaly

80.7655, 84.2299, 80.4078

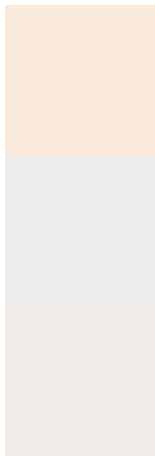
Deuteranomaly

82.8192, 83.9777, 82.3653

Tritanomaly

84.1534, 84.0203, 92.6711

Monochromacy



Original Color

81.4080, 84.1527, 79.6626

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.6949, 84.4612, 87.6509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4080, 84.1527, 79.6626 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(249, 234, 220) looks like.

```
.text, #text, p{  
    color:rgb(249, 234, 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(249, 234, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 234, 220) }
```

Border

The CSS property to change the border of an element to XYZ 81.4080, 84.1527, 79.6626 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(249, 234, 220) }
```


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

```
.border{ border-color:rgb(249, 234, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 234, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 234, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 234, 220);  
box-shadow:4px 4px 4px 4px rgb(249, 234,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4080, 84.1527, 79.6626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 234, 220) }
```

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

```
.background{ background-color: rgb(249,  
234, 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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