

Converting Colors

XYZ(82.0293, 82.9670, 78.6930)

Have a look what the booklet for
XYZ(82.0293, 82.9670, 78.6930)
contains.

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Color

**XYZ(81.9560, 82.7789,
78.6762)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE6DB
RGB	254, 230, 219
RGB Percent	100%, 90%, 86%
CMY	0.0039, 0.0980, 0.1412
CMYK	0.00, 0.09, 0.14, 0.00
HSL	19°, 95%, 93%
HSV	19°, 14%, 100%
XYZ	81.9560, 82.7789, 78.6762
YIQ	235.9220, 17.8350, 1.6670

Conversions

Conversions Part 2

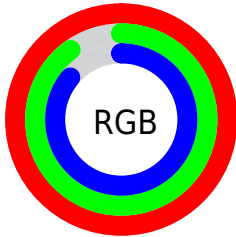
Format	Color
RYB	254, 235, 219
Decimal	16705243
CIELab	92.92, 6.43, 8.32
CIElCh	93, 10.514, 52.300
Yxy	82.7789, 0.3367, 0.3401
Android (android.graphics.Color)	4294895323 (0xFFFE6DB)
YUV	235.9220, -8.3425, 15.8544
Hunter-Lab	90.9829, 1.5699, 12.4178

Details

The XYZ color **81.9560, 82.7789, 78.6762** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.1529, 86.3152, 106.2553**, and the grayscale version is **79.7233, 83.8751, 91.3400**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0568, 45.2106, 41.4737** is the 20% darker color. If you saturate the color by 10%, you get **74.2581, 72.3318, 60.8523**, and if you desaturate by 10%, it is **90.6529, 94.4057, 99.3523**.

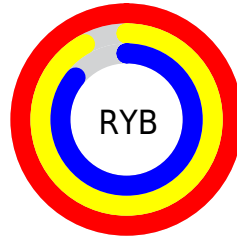
Distribution



Red (100%)

Green (90%)

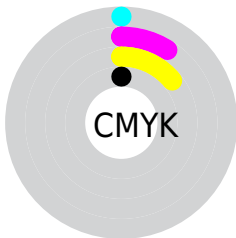
Blue (86%)



Red (100%)

Yellow (92%)

Blue (86%)

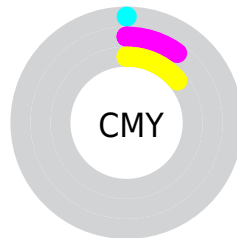


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.9560, 82.7789, 78.6762 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 81.9560, 82.7789, 78.6762 by changing the saturation by 10% instead.


 81.9560, 82.7789,
78.6762

 81.9560, 82.7789,
78.6762


490.1372,
504.2494, 510.0489

 61.6433, 62.0078,
58.1099


135.0484,
137.2657, 133.2974

 44.9990, 45.0390,
41.4817


168.5588,
171.7503, 168.1895

 31.6579, 31.4881,
28.3731


207.1992,
211.5747, 208.6938

 21.2546, 20.9708,
18.3656

251.3348,
257.1234, 255.2289

 13.4238, 13.1027,
11.0407

301.3311,
308.7809, 308.2135

 7.8000, 7.4993,
5.9797

357.5533,

 4.0180, 3.7763,

366.9314, 368.0660

2.7641

420.3669,
431.9594, 435.2049

■ 1.7123, 1.5492,
0.9755

■ 0.4640, 0.3230,
0.0000

■ 81.9560, 82.7789,
78.6762

■ 81.9560, 82.7789,
78.6762

■ 74.2581, 72.3318,
60.8523

■ 90.6529, 94.4057,
99.3523

■ 67.5152, 63.0159,
45.7491

94.6833, 99.8110,
108.8828

■ 61.6899, 54.7954,
33.2330

■ 56.7396, 47.6283,
23.1563

■ 52.6182, 41.4698,
15.3567

■ 49.2746, 36.2716,
9.6517

■ 46.6512, 31.9808,
5.8304

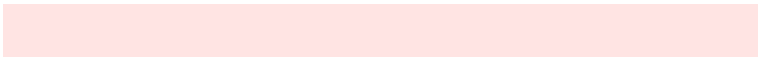
■ 44.6805, 28.5381,
3.6359

■ 43.7320, 26.7883,
2.8657

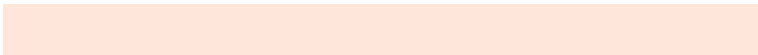
Harmonies

Analogous

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



83.6718, 82.7789, 84.5085



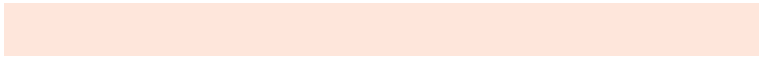
81.9560, 82.7789, 78.6762



79.3892, 82.7789, 75.9462

Triad

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



81.9560, 82.7789, 78.6762



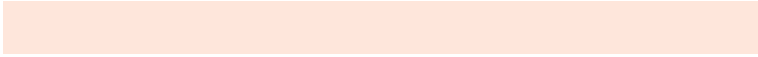
73.5557, 82.7789, 88.1190



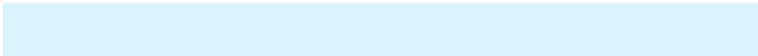
80.7019, 82.7789, 104.8774

Complementary

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



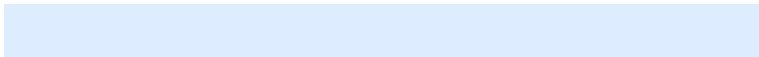
81.9560, 82.7789, 78.6762



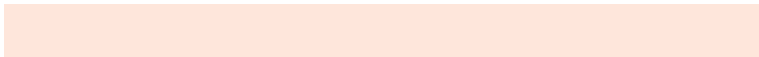
79.1529, 86.3152, 106.2553

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.



77.9727, 82.7789, 105.9830



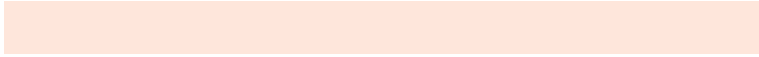
81.9560, 82.7789, 78.6762



73.8886, 82.7789, 95.9999

Square

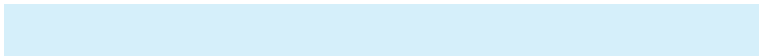
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.9560, 82.7789, 78.6762



74.5699, 82.7789, 81.1874



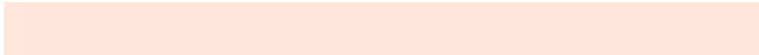
75.4903, 82.7789, 102.6494



82.9361, 82.7789, 99.7109

Rectangle

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



81.9560, 82.7789, 78.6762



77.5580, 82.7789, 76.1346



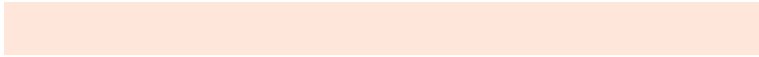
75.4903, 82.7789, 102.6494



79.8104, 82.7789, 105.7480

Sweetspot

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



81.9583, 82.7826, 78.6780



91.2605, 94.9795, 99.7491



82.4588, 78.2363, 95.9464



19.3849, 20.1321, 20.9936



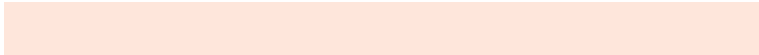
0.0000, 0.0000, 0.0000



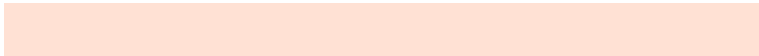
20.3446, 21.4041, 23.3091

Same Dimension

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



81.9583, 82.7826, 78.6780



80.0806, 79.9978, 73.2765



86.9208, 92.7077, 80.3321



18.4754, 18.9189, 18.8223



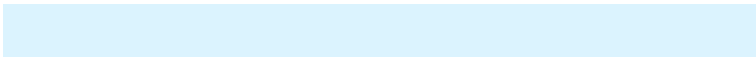
23.1716, 14.3545, 1.5494



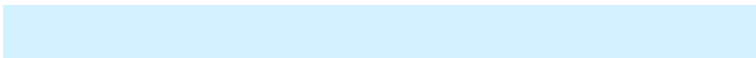
2.3491, 1.5835, 0.1818

Inverse Universe

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



79.1529, 86.3152, 106.2553



76.6655, 84.2949, 106.8376



74.3002, 76.6097, 104.6377



18.0449, 19.4614, 23.0553



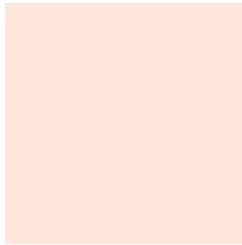
17.5636, 20.0367, 52.3764



1.8081, 2.1468, 5.1324

Previews

White Background



This preview shows how the XYZ color 81.9560, 82.7789, 78.6762 looks on a white background.

Color Contrast Check

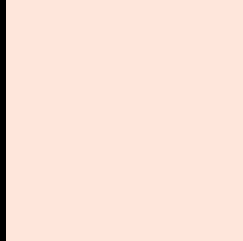
Large Text (above 18pt) WCAG AA × Fail

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 81.9560, 82.7789, 78.6762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

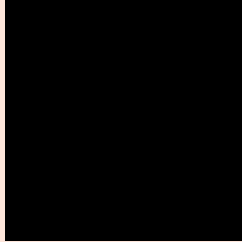
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.9560, 82.7789, 78.6762

Background



This preview shows how black text looks on a background with the XYZ color 81.9560, 82.7789, 78.6762.



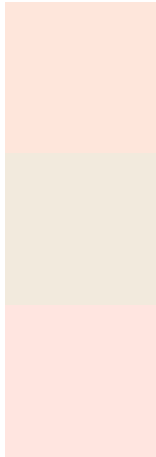
This preview shows how white text looks on a background with the XYZ color 81.9560, 82.7789,

78.6762.

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

81.9560, 82.7789, 78.6762

Protanopia

79.0919, 82.9433, 80.2477

Deuteranopia

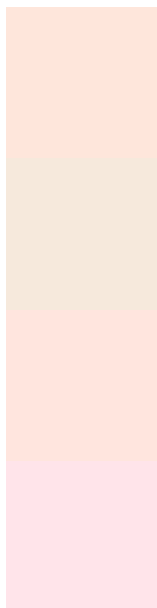
82.7139, 82.6804, 82.1204



Tritanopia

84.8867, 82.6692, 96.2768

Trichromacy



Original Color

81.9560, 82.7789, 78.6762

Protanomaly

80.0632, 83.0380, 79.5183

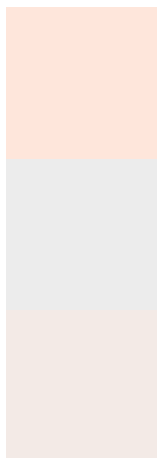
Deuteranomaly

82.4441, 82.5725, 80.7001

Tritanomaly

83.8347, 82.6873, 89.3836

Monochromacy



Original Color

81.9560, 82.7789, 78.6762

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.6679, 83.6135, 86.7503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9560, 82.7789, 78.6762 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(254, 230, 219) looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 219)  
}
```

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(254, 230, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 219) }
```

Border

The CSS property to change the border of an element to XYZ 81.9560, 82.7789, 78.6762 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(254, 230, 219) }
```


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

```
.border{ border-color:rgb(254, 230, 219) }
```

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

Here you see how a box with a 4 pixel rgb(254, 230, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 219);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9560, 82.7789, 78.6762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 230, 219) }
```

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

```
.background{ background-color: rgb(254,  
230, 219) }
```

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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