

Converting Colors

XYZ(81.3201, 80.8989, 78.5541)

Have a look what the booklet for
XYZ(81.3201, 80.8989, 78.5541)
contains.

XYZ(81.2225, 80.7672, 78.3266)	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(81.2225, 80.7672,
78.3266)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2DB
RGB	255, 226, 219
RGB Percent	100%, 89%, 86%
CMY	0.0000, 0.1137, 0.1412
CMYK	0.00, 0.11, 0.14, 0.00
HSL	12°, 100%, 93%
HSV	12°, 14%, 100%
XYZ	81.2225, 80.7672, 78.3266
YIQ	233.8730, 19.5310, 3.9710

Conversions

Conversions Part 2

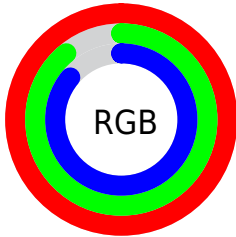
Format	Color
R _Y B	255, 228, 219
Decimal	16769755
CIE Lab	92.03, 8.84, 7.05
CIE LCh	92, 11.308, 38.580
Yxy	80.7672, 0.3380, 0.3361
Android (android.graphics.Color)	4294959835 (0xFFFFE2DB)
YUV	233.8730, -7.3324, 18.5284
Hunter-Lab	89.8706, 4.0498, 11.2353

Details

The XYZ color **81.2225, 80.7672, 78.3266** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8299, 89.4123, 107.6059**, and the grayscale version is **78.1557, 82.2259, 89.5440**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5525, 43.8119, 41.2303** is the 20% darker color. If you saturate the color by 10%, you get **72.8652, 69.0196, 60.2277**, and if you desaturate by 10%, it is **90.7671, 94.0654, 99.3604**.

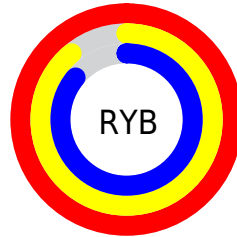
Distribution



Red (100%)

Green (89%)

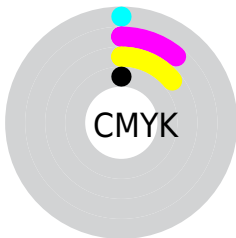
Blue (86%)



Red (100%)

Yellow (89%)

Blue (86%)

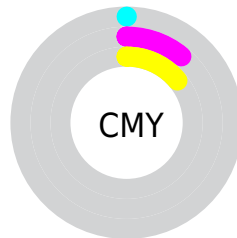


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.2225, 80.7672, 78.3266 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 81.2225, 80.7672, 78.3266 by changing the saturation by 10% instead.


 81.2225, 80.7672,
78.3266

 81.2225, 80.7672,
78.3266


487.7173,
497.5146, 508.8326

 61.0368, 60.3499,
57.8243


134.0247,
134.4438, 132.8005

 44.5075, 43.7007,
41.2536


167.3718,
168.4720, 167.6091

 31.2693, 30.4353,
28.1961


205.8368,
207.8058, 208.0236

 20.9568, 20.1692,
18.2332

249.7851,
252.8297, 254.4624

 13.2047, 12.5181,
10.9464

299.5819,
303.9282, 307.3442

 7.6477, 7.0976,
5.9171

355.5926,

 3.9202, 3.5232,

361.4856, 367.0875

2.7267

418.1826,
425.8862, 434.1108

■ 1.6571, 1.4106,
0.9568

■ 0.4292, 0.2245,
0.0000

■ 81.2225, 80.7672,
78.3266

■ 81.2225, 80.7672,
78.3266

■ 72.8652, 69.0196,
60.2277

■ 90.7671, 94.0654,
99.3604

■ 65.6423, 58.7558,
44.9279

95.0500, 100.0000,
108.9000

■ 59.5059, 49.9194,
32.2882

■ 54.4021, 42.4465,
22.1558

■ 50.2722, 36.2683,
14.3622

■ 47.0515, 31.3096,
8.7180

■ 44.6669, 27.4873,
5.0039

■ 43.0326, 24.7073,
2.9529

■ 42.3643, 23.5087,
2.3048

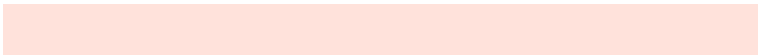
Harmonies

Analogous

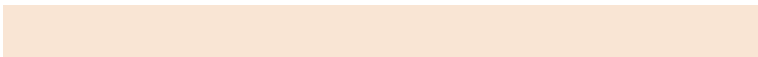
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4309, 80.7672, 85.5738



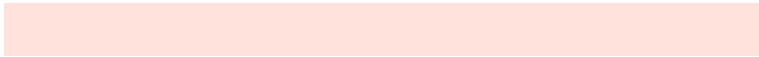
81.2225, 80.7672, 78.3266



78.8275, 80.7672, 73.8575

Triad

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



81.2225, 80.7672, 78.3266



71.6771, 80.7672, 82.2208



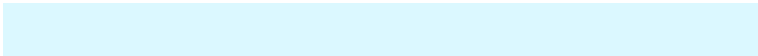
77.6042, 80.7672, 104.7499

Complementary

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



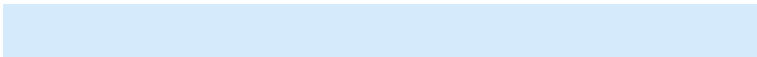
81.2225, 80.7672, 78.3266



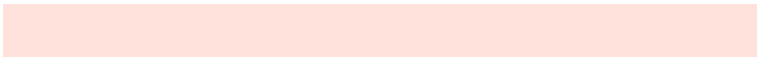
80.8299, 89.4123, 107.6059

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.



74.7423, 80.7672, 103.7115



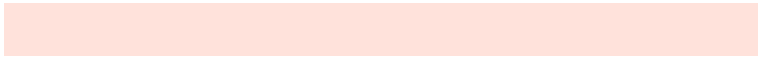
81.2225, 80.7672, 78.3266



71.3683, 80.7672, 90.3530

Square

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



81.2225, 80.7672, 78.3266



73.3316, 80.7672, 76.0051



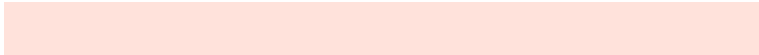
72.4771, 80.7672, 98.3132



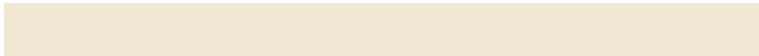
80.3076, 80.7672, 101.0670

Rectangle

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



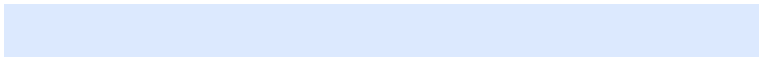
81.2225, 80.7672, 78.3266



76.9055, 80.7672, 72.8814



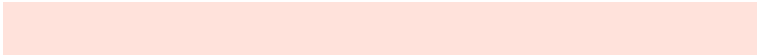
72.4771, 80.7672, 98.3132



76.6283, 80.7672, 104.9459

Sweetspot

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



81.2245, 80.7707, 78.3283



90.8859, 94.2303, 99.6243



83.5774, 78.7261, 99.9236



19.2904, 19.9430, 20.9621



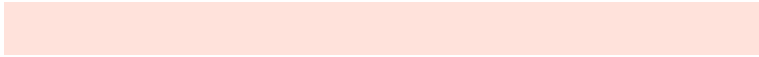
0.0000, 0.0000, 0.0000



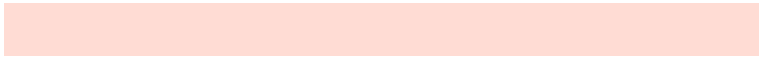
20.3446, 21.4041, 23.3091

Same Dimension

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



81.2245, 80.7707, 78.3283



78.6951, 77.2269, 72.8147



86.2570, 90.8358, 80.0058



18.2954, 18.5590, 18.7623



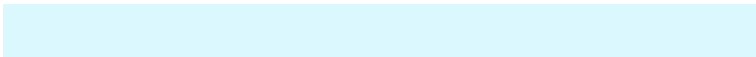
22.2170, 12.4453, 1.2312



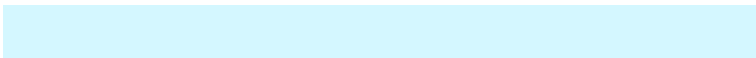
2.2346, 1.3545, 0.1437

Inverse Universe

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



80.8299, 89.4123, 107.6059



78.2285, 87.4208, 107.3586



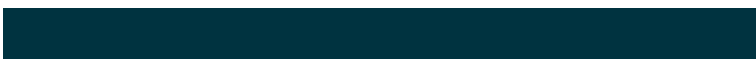
75.6725, 79.0975, 105.8867



18.2369, 19.8454, 23.1193



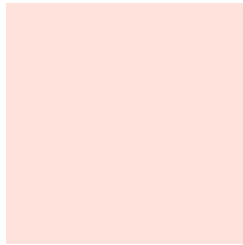
20.9932, 26.8959, 53.5196



2.1173, 2.7653, 5.2354

Previews

White Background



This preview shows how the XYZ color 81.2225, 80.7672, 78.3266 looks on a white background.

Color Contrast Check

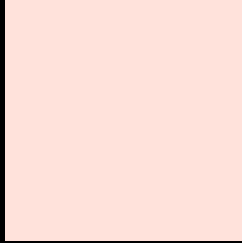
Large Text (above 18pt) WCAG AA × Fail

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 81.2225, 80.7672, 78.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

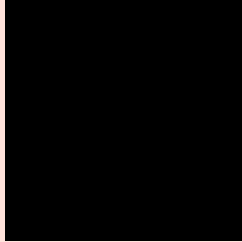
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

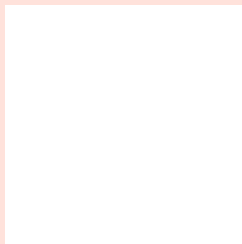
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.2225, 80.7672, 78.3266

Background



This preview shows how black text looks on a background with the XYZ color 81.2225, 80.7672, 78.3266.

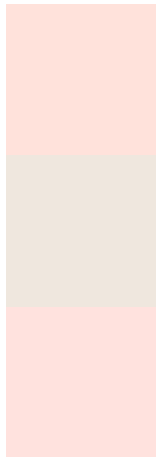


This preview shows how white text looks on a background with the XYZ color 81.2225, 80.7672,

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

81.2225, 80.7672, 78.3266

Protanopia

77.3573, 80.7765, 80.6215

Deuteranopia

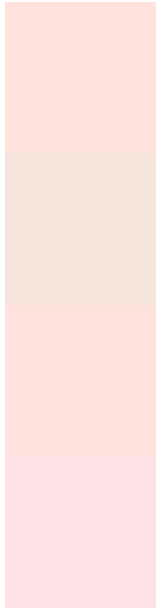
81.6212, 80.9266, 80.4257



Tritanopia

83.4756, 80.8033, 92.8583

Trichromacy



Original Color

81.2225, 80.7672, 78.3266

Protanomaly

78.7266, 80.6716, 79.8284

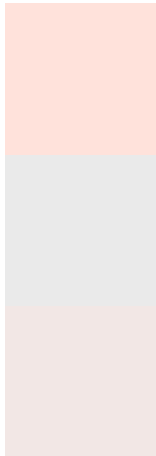
Deuteranomaly

81.4875, 80.8732, 79.7218

Tritanomaly

82.7307, 80.9366, 87.6059

Monochromacy



Original Color

81.2225, 80.7672, 78.3266

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.3367, 81.6862, 85.7143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2225, 80.7672, 78.3266 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(255, 226, 219) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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(255, 226, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 219) }
```

Border

The CSS property to change the border of an element to XYZ 81.2225, 80.7672, 78.3266 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(255, 226, 219) }
```


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

```
.border{ border-color:rgb(255, 226, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 219); box-shadow:4px 4px 4px 4px rgb(255, 226, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2225, 80.7672, 78.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 219) }
```

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

```
.background{ background-color: rgb(255,  
226, 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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