

Converting Colors

XYZ(82.0358, 82.3304, 78.7927)

Have a look what the booklet for
XYZ(82.0358, 82.3304, 78.7927)
contains.

XYZ(82.0455, 82.4131, 78.6009)	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(82.0455, 82.4131,
78.6009)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5DB
RGB	255, 229, 219
RGB Percent	100%, 90%, 86%
CMY	0.0000, 0.1019, 0.1412
CMYK	0.00, 0.10, 0.14, 0.00
HSL	17°, 100%, 93%
HSV	17°, 14%, 100%
XYZ	82.0455, 82.4131, 78.6009
YIQ	235.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

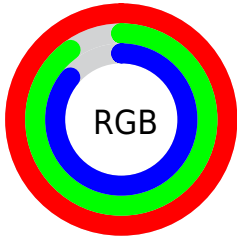
Format	Color
RYB	255, 233, 219
Decimal	16770523
CIELab	92.76, 7.30, 8.10
CIELCh	93, 10.901, 47.990
Yxy	82.4131, 0.3376, 0.3391
Android (android.graphics.Color)	4294960603 (0xFFFFE5DB)
YUV	235.6340, -8.2006, 16.9840
Hunter-Lab	90.7817, 2.4546, 12.2125

Details

The XYZ color **82.0455, 82.4131, 78.6009** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.9150, 87.5824, 107.3009**, and the grayscale version is **79.5014, 83.6416, 91.0857**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1256, 44.9582, 41.4214** is the 20% darker color. If you saturate the color by 10%, you get **74.1150, 71.5192, 60.6443**, and if you desaturate by 10%, it is **91.0346, 94.6005, 99.4496**.

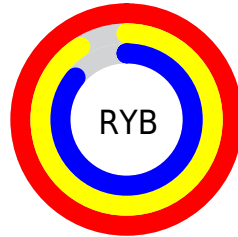
Distribution



Red (100%)

Green (90%)

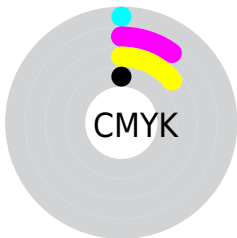
Blue (86%)



Red (100%)

Yellow (91%)

Blue (86%)

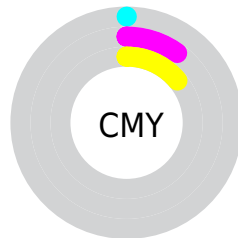


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (10%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0455, 82.4131, 78.6009 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 82.0455, 82.4131, 78.6009 by changing the saturation by 10% instead.


 82.0455, 82.4131,
78.6009

 82.0455, 82.4131,
78.6009


490.4321,
503.0284, 509.7871

 61.7173, 61.7061,
58.0484


135.1733,
136.7532, 133.1904

 45.0590, 44.7953,
41.4326


168.7036,
171.1550, 168.0645

 31.7054, 31.2962,
28.3350


207.3653,
210.8906, 208.5495

 21.2910, 20.8245,
18.3371

251.5237,
256.3443, 255.0639

 13.4506, 12.9958,
11.0203

301.5442,
307.9006, 308.0263

 7.8187, 7.4256,
5.9662

357.7922,

 4.0300, 3.7297,

365.9437, 367.8553

2.7561

420.6331,
430.8582, 434.9694

■ 1.7191, 1.5235,
0.9715

■ 0.4682, 0.3052,
0.0000

■ 82.0455, 82.4131,
78.6009

■ 82.0455, 82.4131,
78.6009

■ 74.1150, 71.5192,
60.6443

■ 91.0346, 94.6005,
99.4496

■ 67.1972, 61.8655,
45.4462

95.0500, 100.0000,
108.9000

■ 61.2513, 53.4101,
32.8700

■ 56.2312, 46.1049,
22.7656

■ 52.0872, 39.8984,
14.9672

■ 48.7641, 34.7347,
9.2888

■ 46.1997, 30.5529,
5.5148

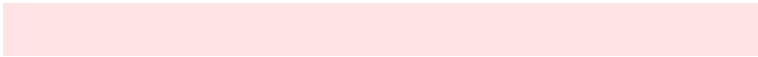
■ 44.3210, 27.2841,
3.3824

■ 43.4849, 25.7497,
2.6783

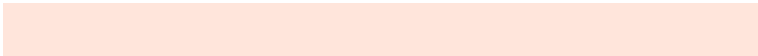
Harmonies

Analogous

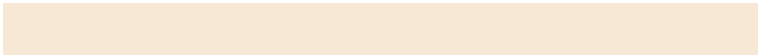
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6442, 82.4131, 84.9868



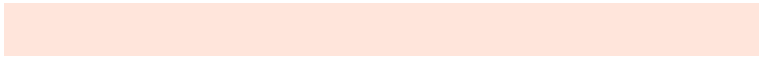
82.0455, 82.4131, 78.6009



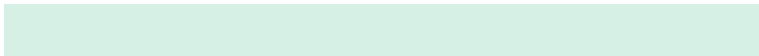
79.4738, 82.4131, 75.2807

Triad

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



82.0455, 82.4131, 78.6009



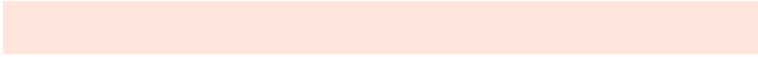
73.1071, 82.4131, 86.5166



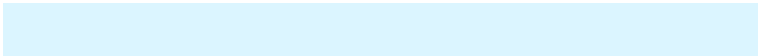
80.0310, 82.4131, 105.4565

Complementary

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



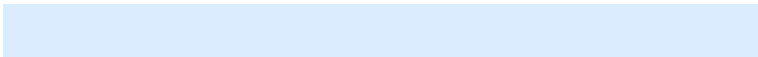
82.0455, 82.4131, 78.6009



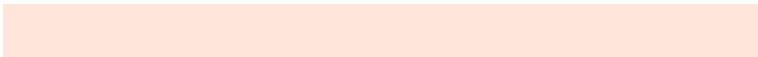
79.9150, 87.5824, 107.3009

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.



77.1996, 82.4131, 105.9277



82.0455, 82.4131, 78.6009



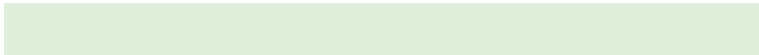
73.2480, 82.4131, 94.6544

Square

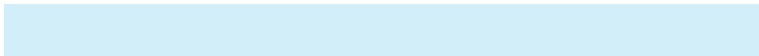
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0455, 82.4131, 78.6009



74.3408, 82.4131, 79.6624



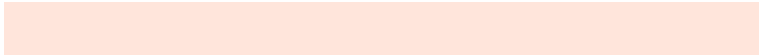
74.7307, 82.4131, 101.8713



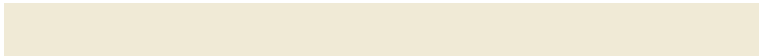
82.4619, 82.4131, 100.6203

Rectangle

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



82.0455, 82.4131, 78.6009



77.5741, 82.4131, 75.1113



74.7307, 82.4131, 101.8713



79.0932, 82.4131, 106.1408

Sweetspot

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



82.0474, 82.4166, 78.6026



91.1461, 94.7508, 99.7110



83.1146, 78.5410, 97.4864



19.3561, 20.0744, 20.9839



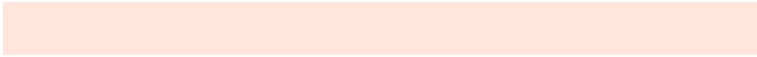
0.0000, 0.0000, 0.0000



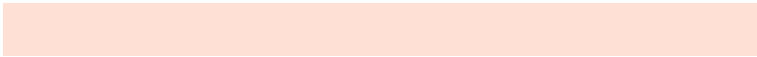
20.3446, 21.4041, 23.3091

Same Dimension

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



82.0474, 82.4166, 78.6026



79.6540, 79.1447, 73.1344



87.1651, 92.6519, 80.3085



18.4202, 18.8087, 18.8039



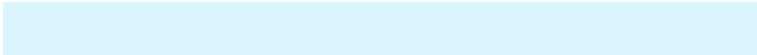
22.8288, 13.6688, 1.4351



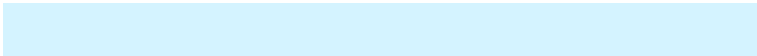
2.3099, 1.5051, 0.1688

Inverse Universe

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



79.9150, 87.5824, 107.3009



77.1369, 85.2378, 106.9947



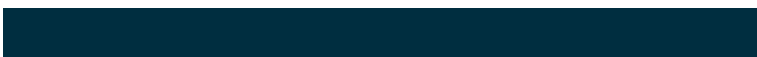
74.8429, 77.4383, 105.6102



18.1031, 19.5777, 23.0747



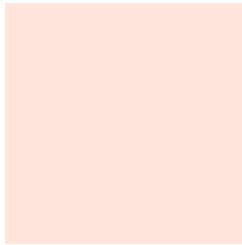
18.5342, 21.9779, 52.6999



1.8966, 2.3239, 5.1619

Previews

White Background



This preview shows how the XYZ color 82.0455, 82.4131, 78.6009 looks on a white background.

Color Contrast Check

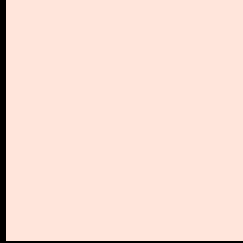
Large Text (above 18pt) WCAG AA × Fail

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 82.0455, 82.4131, 78.6009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

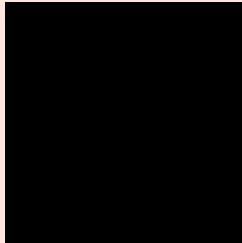
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0455, 82.4131, 78.6009

Background



This preview shows how black text looks on a background with the XYZ color 82.0455, 82.4131, 78.6009.

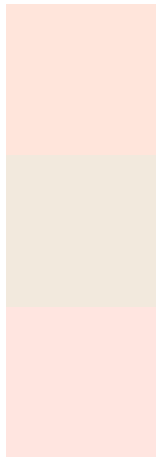


This preview shows how white text looks on a background with the XYZ color 82.0455, 82.4131,

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

82.0455, 82.4131, 78.6009

Protanopia

78.8080, 82.3755, 80.1531

Deuteranopia

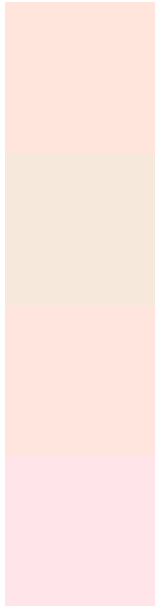
82.7139, 82.6804, 82.1204



Tritanopia

84.7361, 82.6090, 95.4835

Trichromacy



Original Color

82.0455, 82.4131, 78.6009

Protanomaly

80.1327, 82.6547, 79.4407

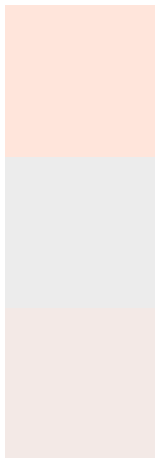
Deuteranomaly

82.4441, 82.5725, 80.7001

Tritanomaly

83.8347, 82.6873, 89.3836

Monochromacy



Original Color

82.0455, 82.4131, 78.6009

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.3840, 83.0457, 86.6556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0455, 82.4131, 78.6009 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, 229, 219) looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 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, 229, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 219) }
```

Border

The CSS property to change the border of an element to XYZ 82.0455, 82.4131, 78.6009 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, 229, 219) }
```


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

```
.border{ border-color:rgb(255, 229, 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, 229, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0455, 82.4131, 78.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 219) }
```

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

```
.background{ background-color: rgb(255,  
229, 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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