

Converting Colors

XYZ(94.4096, 87.3095, 81.7713)

Have a look what the booklet for
XYZ(94.4096, 87.3095, 81.7713)
contains.

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Color

**XYZ(81.7556, 80.9804,
81.1338)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2DF
RGB	255, 226, 223
RGB Percent	100%, 89%, 87%
CMY	0.0000, 0.1137, 0.1255
CMYK	0.00, 0.11, 0.13, 0.00
HSL	6°, 100%, 94%
HSV	6°, 13%, 100%
XYZ	81.7556, 80.9804, 81.1338
YIQ	234.3290, 18.2470, 5.2150

Conversions

Conversions Part 2

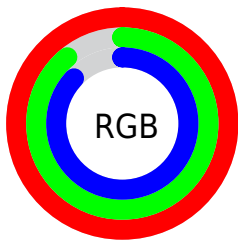
Format	Color
R _Y B	255, 226, 223
Decimal	16769759
CIE Lab	92.12, 9.47, 5.10
CIE LCh	92, 10.753, 28.312
Yxy	80.9804, 0.3352, 0.3321
Android (android.graphics.Color)	4294959839 (0xFFFFE2DF)
YUV	234.3290, -5.5852, 18.1285
Hunter-Lab	89.9891, 4.6873, 9.5368

Details

The XYZ color **81.7556, 80.9804, 81.1338** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.2909, 92.5262, 108.0772**, and the grayscale version is **78.4889, 82.5765, 89.9258**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9195, 43.9587, 43.1632** is the 20% darker color. If you saturate the color by 10%, you get **72.7081, 67.9791, 62.4143**, and if you desaturate by 10%, it is **92.1715, 95.8890, 102.8659**.

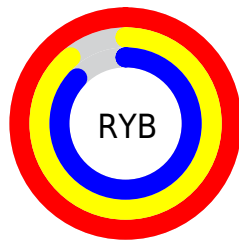
Distribution



Red (100%)

Green (89%)

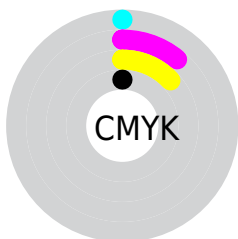
Blue (87%)



Red (100%)

Yellow (89%)

Blue (87%)

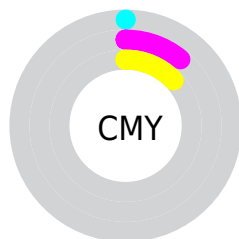


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7556, 80.9804, 81.1338 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 81.7556, 80.9804, 81.1338 by changing the saturation by 10% instead.


 81.7556, 80.9804,
81.1338

 81.7556, 80.9804,
81.1338


489.4767,
498.2307, 518.5528

 61.4775, 60.5255,
60.1202


134.7688,
134.7432, 136.7844

 44.8647, 43.8423,
43.0896


168.2347,
168.8199, 172.2584

 31.5517, 30.5466,
29.6235


206.8272,
208.2060, 213.3896

 21.1732, 20.2538,
19.3033

250.9117,
253.2858, 260.5966

 13.3638, 12.5797,
11.7106

300.8535,
304.4438, 314.2979

 7.7583, 7.1398,
6.4268

357.0181,

 3.9912, 3.5497,

362.0644, 374.9120

3.0334

419.7707,
426.5319, 442.8575

■ 1.6971, 1.4250,
1.1117

■ 0.4545, 0.2350,
0.0000

■ 81.7556, 80.9804,
81.1338

■ 81.7556, 80.9804,
81.1338

■ 72.7081, 67.9791,
62.4143

■ 92.1715, 95.8890,
102.8659

■ 64.9664, 56.7983,
46.5696

95.0500, 100.0000,
108.9000

■ 58.4719, 47.3599,
33.4587

■ 53.1589, 39.5758,
22.9268

■ 48.9561, 33.3506,
14.8034

■ 45.7839, 28.5790,
8.8978

■ 43.5526, 25.1426,
4.9901

■ 42.1561, 22.9041,
2.8152

■ 41.5655, 21.9109,
2.0385

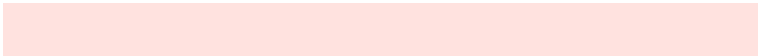
Harmonies

Analogous

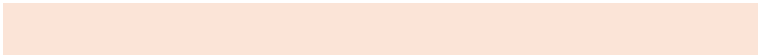
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4184, 80.9804, 88.6241



81.7556, 80.9804, 81.1338



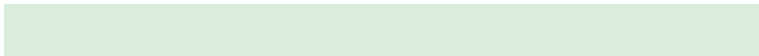
79.8020, 80.9804, 75.8177

Triad

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



81.7556, 80.9804, 81.1338



72.5246, 80.9804, 80.3995



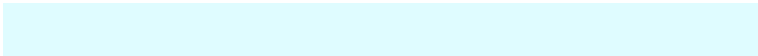
76.8126, 80.9804, 104.3211

Complementary

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



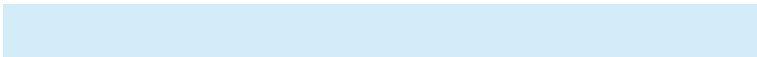
81.7556, 80.9804, 81.1338



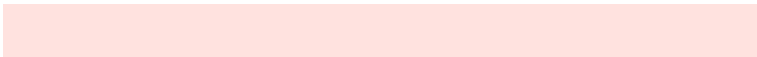
83.2909, 92.5262, 108.0772

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.



74.2047, 80.9804, 101.8046



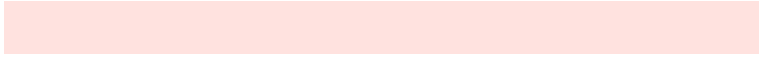
81.7556, 80.9804, 81.1338



71.7661, 80.9804, 87.7252

Square

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



81.7556, 80.9804, 81.1338



74.4703, 80.9804, 75.4119



72.3738, 80.9804, 95.6099



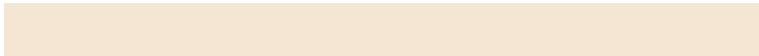
79.5239, 80.9804, 102.3001

Rectangle

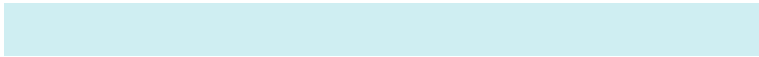
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



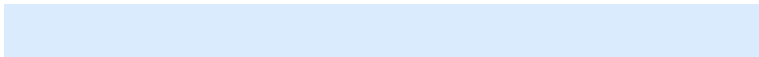
81.7556, 80.9804, 81.1338



78.0538, 80.9804, 74.0607



72.3738, 80.9804, 95.6099



75.8952, 80.9804, 103.9750

Sweetspot

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



81.7575, 80.9838, 81.1355



90.5730, 93.6046, 99.5200



85.2517, 81.0856, 103.5306



19.2116, 19.7853, 20.9358



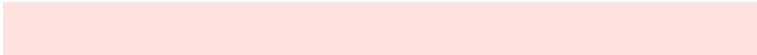
0.0000, 0.0000, 0.0000



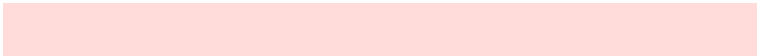
20.3446, 21.4041, 23.3091

Same Dimension

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



81.7575, 80.9838, 81.1355



79.4148, 77.6226, 76.2723



86.2127, 89.8942, 82.6206



18.1465, 18.2612, 18.7127



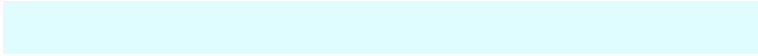
21.7644, 11.5400, 1.0803



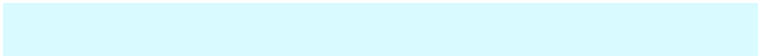
2.1631, 1.2116, 0.1198

Inverse Universe

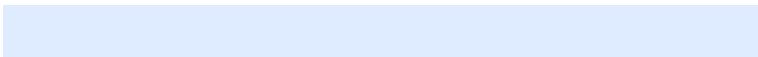
The Inverse Universe completely reimagines the original color for something new.



83.2909, 92.5262, 108.0772



81.2159, 91.1833, 107.9273



78.5737, 83.0918, 106.5048



18.4005, 20.1726, 23.1738



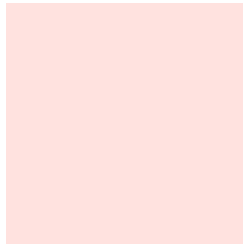
24.4312, 33.7720, 54.6656



2.4195, 3.3697, 5.3362

Previews

White Background



This preview shows how the XYZ color 81.7556, 80.9804, 81.1338 looks on a white background.

Color Contrast Check

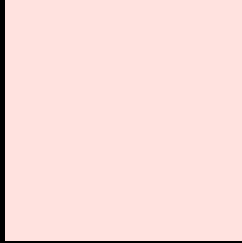
Large Text (above 18pt) WCAG AA × Fail

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 81.7556, 80.9804, 81.1338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

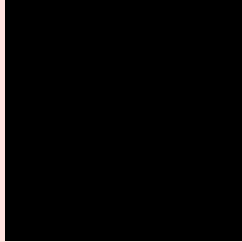
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

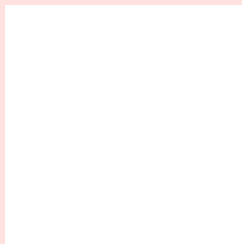
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7556, 80.9804, 81.1338

Background



This preview shows how black text looks on a background with the XYZ color 81.7556, 80.9804, 81.1338.



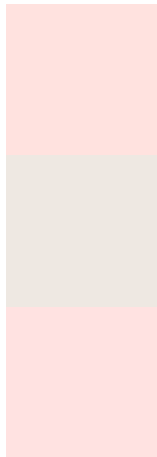
This preview shows how white text looks on a background with the XYZ color 81.7556, 80.9804,

81.1338.

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

81.7556, 80.9804, 81.1338

Protanopia

77.8440, 81.3814, 83.5569

Deuteranopia

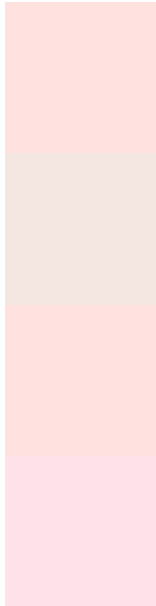
82.0270, 81.0890, 82.5626



Tritanopia

83.6238, 80.8626, 93.6387

Trichromacy



Original Color

81.7556, 80.9804, 81.1338

Protanomaly

79.1956, 81.2630, 82.7454

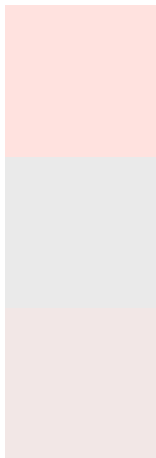
Deuteranomaly

81.8909, 81.0345, 81.8461

Tritanomaly

83.0165, 81.0509, 89.1109

Monochromacy



Original Color

81.7556, 80.9804, 81.1338

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.4768, 81.7422, 86.4519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7556, 80.9804, 81.1338 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, 223) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 223) }
```

Border

The CSS property to change the border of an element to XYZ 81.7556, 80.9804, 81.1338 is called "border". The border property can be set on classes, ids or directly on the HTML element.

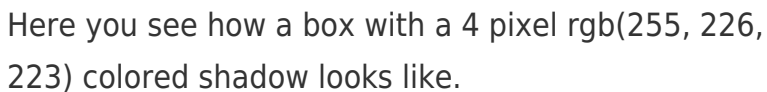
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 226, 223) }
```


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

```
.border{ border-color:rgb(255, 226, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 223); box-shadow:4px 4px 4px 4px rgb(255, 226, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7556, 80.9804, 81.1338 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
226, 223) }
```

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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