

Converting Colors

XYZ(80.9726, 81.2642, 75.1702)

Have a look what the booklet for
XYZ(80.9726, 81.2642, 75.1702)
contains.

XYZ(80.8467, 81.0532, 75.0021)	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(80.8467, 81.0532,
75.0021)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3D6
RGB	255, 227, 214
RGB Percent	100%, 89%, 84%
CMY	0.0000, 0.1098, 0.1608
CMYK	0.00, 0.11, 0.16, 0.00
HSL	19°, 100%, 92%
HSV	19°, 16%, 100%
XYZ	80.8467, 81.0532, 75.0021
YIQ	233.8900, 20.8610, 1.8930

Conversions

Conversions Part 2

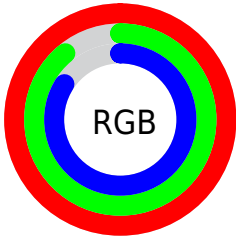
Format	Color
R _Y B	255, 233, 214
Decimal	16770006
CIE Lab	92.16, 7.56, 9.84
CIE LCh	92, 12.410, 52.482
Yxy	81.0532, 0.3413, 0.3421
Android (android.graphics.Color)	4294960086 (0xFFFFE3D6)
YUV	233.8900, -9.8058, 18.5135
Hunter-Lab	90.0296, 2.7416, 13.6272

Details

The XYZ color **80.8467, 81.0532, 75.0021** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5329, 85.0180, 106.9314**, and the grayscale version is **78.1860, 82.2577, 89.5787**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2992, 44.0140, 38.9616** is the 20% darker color. If you saturate the color by 10%, you get **73.3179, 70.8058, 57.6636**, and if you desaturate by 10%, it is **89.3707, 92.4747, 95.1896**.

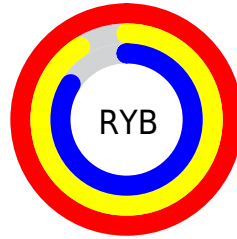
Distribution



Red (100%)

Green (89%)

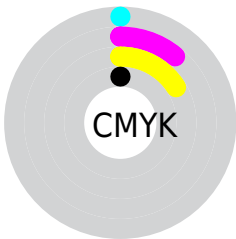
Blue (84%)



Red (100%)

Yellow (91%)

Blue (84%)

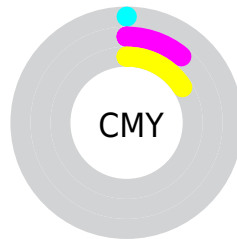


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8467, 81.0532, 75.0021 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 80.8467, 81.0532, 75.0021 by changing the saturation by 10% instead.


 80.8467, 81.0532,
75.0021

 80.8467, 81.0532,
75.0021


486.4749,
498.4751, 497.1804

 60.7262, 60.5854,
55.1129


133.4998,
134.8455, 128.0625

 44.2559, 43.8907,
39.0929


166.7631,
168.9387, 162.0707

 31.0705, 30.5846,
26.5236


205.1380,
208.3426, 201.6223

 20.8047, 20.2827,
16.9865

248.9900,
253.4415, 247.1359

 13.0929, 12.6007,
10.0630

298.6843,
304.6198, 299.0299

 7.5700, 7.1542,
5.3346

354.5863,

 3.8705, 3.5587,

362.2619, 357.7230

2.3827

417.0614,
426.7522, 423.6336

■ 1.6292, 1.4299,
0.7770

■ 0.4113, 0.2386,
0.0000

■ 80.8467, 81.0532,
75.0021

■ 80.8467, 81.0532,
75.0021

■ 73.3179, 70.8058,
57.6636

■ 89.3707, 92.4747,
95.1896

■ 66.7409, 61.6841,
43.0397

95.0500, 100.0000,
108.9000

■ 61.0770, 53.6517,
30.9927

■ 56.2827, 46.6658,
21.3707

■ 52.3106, 40.6811,
14.0056

■ 49.1080, 35.6482,
8.7076

■ 46.6152, 31.5131,
5.2552

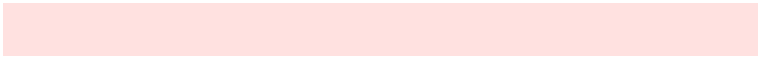
■ 44.7611, 28.2145,
3.3740

■ 44.1739, 27.1277,
2.9080

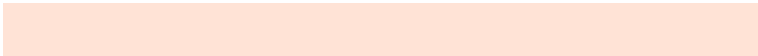
Harmonies

Analogous

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



82.8646, 81.0532, 81.6853



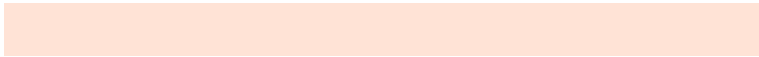
80.8467, 81.0532, 75.0021



77.8465, 81.0532, 71.9115

Triad

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



80.8467, 81.0532, 75.0021



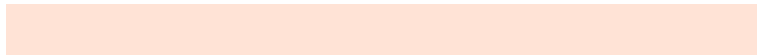
71.0985, 81.0532, 85.9677



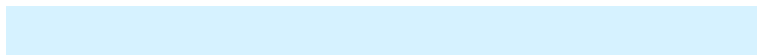
79.4153, 81.0532, 105.5562

Complementary

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



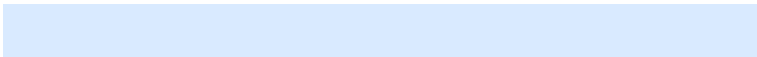
80.8467, 81.0532, 75.0021



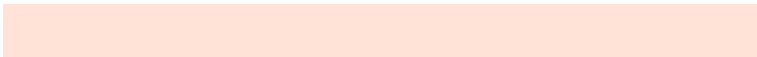
77.5329, 85.0180, 106.9314

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.



76.2364, 81.0532, 106.9001



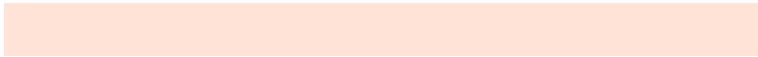
80.8467, 81.0532, 75.0021



71.4924, 81.0532, 95.1639

Square

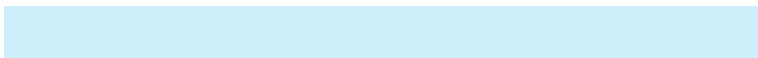
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8467, 81.0532, 75.0021



72.2610, 81.0532, 77.9511



73.3521, 81.0532, 102.9797



82.0223, 81.0532, 99.4251

Rectangle

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



80.8467, 81.0532, 75.0021



75.7165, 81.0532, 72.1429



73.3521, 81.0532, 102.9797



78.3760, 81.0532, 106.5993

Sweetspot

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



80.8486, 81.0567, 75.0038



90.3499, 93.7765, 97.5401



81.3166, 75.7658, 94.3564



19.2017, 19.8900, 20.5487



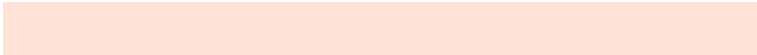
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

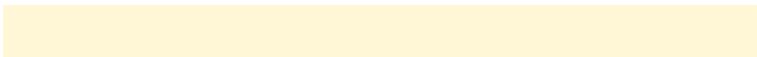
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8486, 81.0567, 75.0038



78.5471, 77.9421, 69.6479



86.7867, 92.9329, 76.9832



18.4796, 18.9273, 18.8237



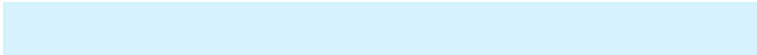
23.1996, 14.4105, 1.5587



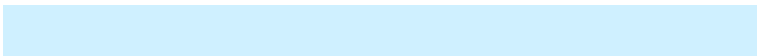
2.3522, 1.5898, 0.1829

Inverse Universe

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



77.5329, 85.0180, 106.9314



74.7084, 82.5243, 106.5990



71.7755, 73.5033, 105.0123



18.0405, 19.4526, 23.0538



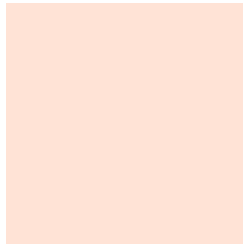
17.4924, 19.8944, 52.3526



1.8015, 2.1338, 5.1302

Previews

White Background



This preview shows how the XYZ color 80.8467, 81.0532, 75.0021 looks on a white background.

Color Contrast Check

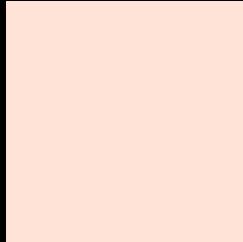
Large Text (above 18pt) WCAG AA × Fail

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 80.8467, 81.0532, 75.0021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

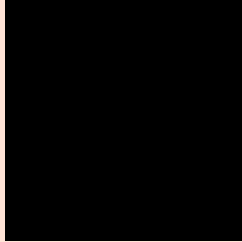
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.8467, 81.0532, 75.0021

Background



This preview shows how black text looks on a background with the XYZ color 80.8467, 81.0532, 75.0021.



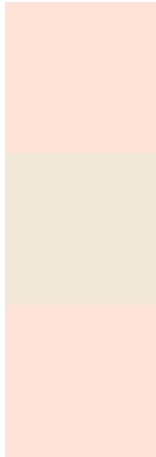
This preview shows how white text looks on a background with the XYZ color 80.8467, 81.0532,

75.0021.

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

80.8467, 81.0532, 75.0021

Protanopia

77.6566, 81.4238, 77.2691

Deuteranopia

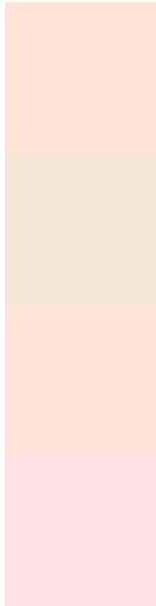
81.4953, 81.3126, 78.4175



Tritanopia

83.4756, 80.8033, 92.8583

Trichromacy



Original Color

80.8467, 81.0532, 75.0021

Protanomaly

78.6975, 81.1443, 76.4804

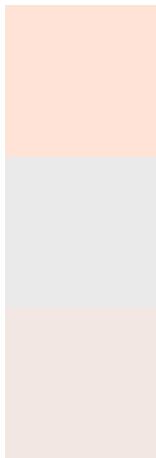
Deuteranomaly

81.2335, 81.2079, 77.0389

Tritanomaly

82.4481, 80.8236, 86.1179

Monochromacy



Original Color

80.8467, 81.0532, 75.0021

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.0590, 81.5751, 84.2518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8467, 81.0532, 75.0021 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, 227, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 214)  
}
```

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, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 214) }
```

Border

The CSS property to change the border of an element to XYZ 80.8467, 81.0532, 75.0021 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, 227, 214) }
```


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

```
.border{ border-color:rgb(255, 227, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8467, 81.0532, 75.0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 214) }
```

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

```
.background{ background-color: rgb(255,  
227, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor