

Converting Colors

XYZ(87.9775, 81.7993, 75.3343)

Have a look what the booklet for
XYZ(87.9775, 81.7993, 75.3343)
contains.

XYZ(79.0989, 77.3527, 75.0516)	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(79.0989, 77.3527,
75.0516)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCD7
RGB	255, 220, 215
RGB Percent	100%, 86%, 84%
CMY	0.0000, 0.1372, 0.1569
CMYK	0.00, 0.14, 0.16, 0.00
HSL	8°, 100%, 92%
HSV	8°, 16%, 100%
XYZ	79.0989, 77.3527, 75.0516
YIQ	229.8950, 22.4650, 5.8650

Conversions

Conversions Part 2

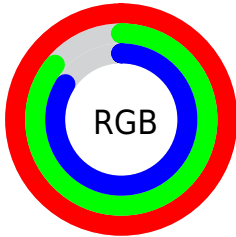
Format	Color
R _Y B	255, 221, 215
Decimal	16768215
CIE Lab	90.48, 11.32, 6.92
CIE LCh	90, 13.273, 31.436
Yxy	77.3527, 0.3417, 0.3341
Android (android.graphics.Color)	4294958295 (0xFFFFDCD7)
YUV	229.8950, -7.3432, 22.0171
Hunter-Lab	87.9504, 6.6223, 10.9707

Details

The XYZ color **79.0989, 77.3527, 75.0516** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.2590, 90.0357, 107.7563**, and the grayscale version is **75.1787, 79.0939, 86.1332**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0890, 41.4541, 38.9881** is the 20% darker color. If you saturate the color by 10%, you get **70.6047, 65.2056, 57.2948**, and if you desaturate by 10%, it is **88.8890, 91.2735, 95.7619**.

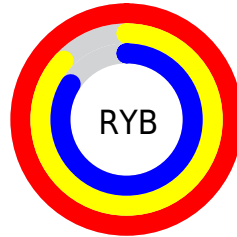
Distribution



Red (100%)

Green (86%)

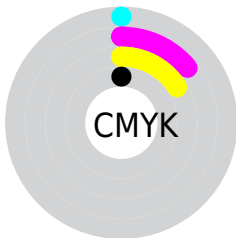
Blue (84%)



Red (100%)

Yellow (87%)

Blue (84%)

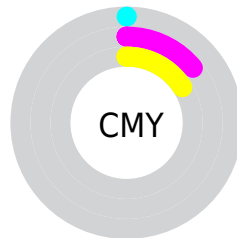


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0989, 77.3527, 75.0516 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 79.0989, 77.3527, 75.0516 by changing the saturation by 10% instead.


 79.0989, 77.3527,
75.0516

 79.0989, 77.3527,
75.0516


480.6738,
485.9657, 497.3551

 59.2830, 57.5424,
55.1532


131.0553,
129.6372, 128.1332

 43.0883, 41.4409,
39.1249

163.9265,
162.8803, 162.1534

 30.1492, 28.6637,
26.5484


201.8802,
201.3696, 201.7180

 20.1005, 18.8266,
17.0049

245.2818,
245.4898, 247.2455

 12.5768, 11.5450,
10.0760

294.4966,
295.6250, 299.1544

 7.2128, 6.4347,
5.3431

349.8899,

 3.6430, 3.1112,

352.1599, 357.8632

2.3877

411.8272,
415.4786, 423.7906

■ 1.5022, 1.1900,
0.7797

■ 0.3274, 0.0535,
0.0000

■ 79.0989, 77.3527,
75.0516

■ 79.0989, 77.3527,
75.0516

■ 70.6047, 65.2056,
57.2948

■ 88.8890, 91.2735,
95.7619

■ 63.3465, 54.7513,
42.3521

95.0500, 100.0000,
108.9000

■ 57.2678, 45.9175,
30.0802

■ 52.3060, 38.6228,
20.3214

■ 48.3920, 32.7786,
12.9010

■ 45.4493, 28.2873,
7.6222

■ 43.3905, 25.0392,
4.2556

■ 42.1118, 22.9070,
2.5186

■ 41.7540, 22.2879,
2.1013

Harmonies

Analogous

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



80.0838, 77.3527, 83.7670



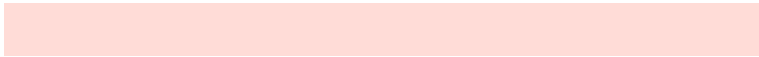
79.0989, 77.3527, 75.0516



76.6135, 77.3527, 69.1775

Triad

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



79.0989, 77.3527, 75.0516



68.0606, 77.3527, 75.7882



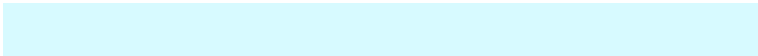
73.6814, 77.3527, 103.8367

Complementary

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



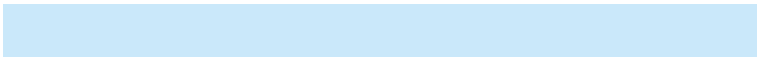
79.0989, 77.3527, 75.0516



80.2590, 90.0357, 107.7563

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.



70.5137, 77.3527, 101.3077



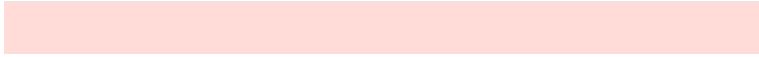
79.0989, 77.3527, 75.0516



67.3277, 77.3527, 84.6826

Square

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



79.0989, 77.3527, 75.0516



70.2448, 77.3527, 69.5798



68.2125, 77.3527, 94.1147



76.8984, 77.3527, 100.7909

Rectangle

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



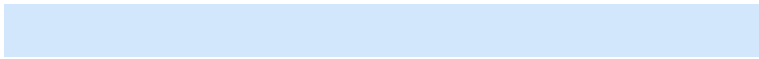
79.0989, 77.3527, 75.0516



74.4753, 77.3527, 67.4212



68.2125, 77.3527, 94.1147



72.5757, 77.3527, 103.6093

Sweetspot

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



79.1008, 77.3560, 75.0532



89.6087, 92.2941, 97.2931



82.8485, 76.7848, 101.1713



19.0221, 19.5309, 20.4889



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

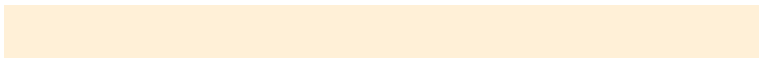
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1008, 77.3560, 75.0532



76.1443, 73.1366, 68.8470



84.5682, 88.2908, 76.8757



18.1925, 18.3531, 18.7280



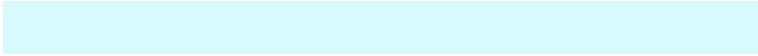
21.8740, 11.7592, 1.1169



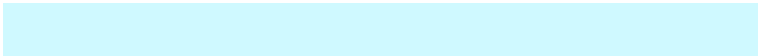
2.1847, 1.2548, 0.1270

Inverse Universe

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



80.2590, 90.0357, 107.7563



77.5131, 88.1337, 107.5339



74.4648, 78.4472, 105.8249



18.3495, 20.0706, 23.1568



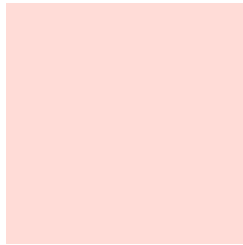
23.3091, 31.5277, 54.2915



2.3215, 3.1738, 5.3035

Previews

White Background



This preview shows how the XYZ color 79.0989, 77.3527, 75.0516 looks on a white background.

Color Contrast Check

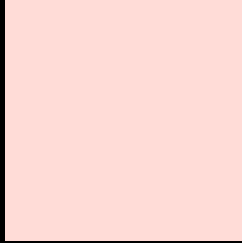
Large Text (above 18pt) WCAG AA × Fail

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 79.0989, 77.3527, 75.0516 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 79.0989, 77.3527, 75.0516

Background



This preview shows how black text looks on a background with the XYZ color 79.0989, 77.3527, 75.0516.



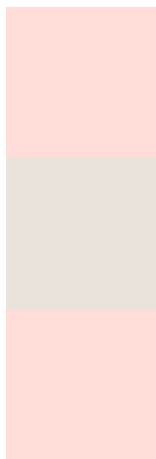
This preview shows how white text looks on a background with the XYZ color 79.0989, 77.3527,

75.0516.

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

79.0989, 77.3527, 75.0516

Protanopia

74.1870, 77.5451, 78.0755

Deuteranopia

79.0989, 77.3527, 75.0516



Tritanopia

81.1627, 77.3433, 88.4929

Trichromacy



Original Color

79.0989, 77.3527, 75.0516

Protanomaly

75.9285, 77.2505, 77.2386

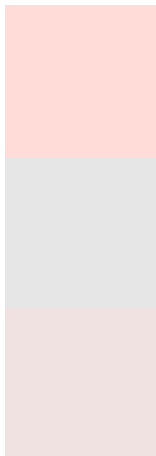
Deuteranomaly

79.0989, 77.3527, 75.0516

Tritanomaly

80.4366, 77.4691, 83.3866

Monochromacy



Original Color

79.0989, 77.3527, 75.0516

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.3836, 78.1797, 82.2985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0989, 77.3527, 75.0516 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, 220, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 215)  
}
```

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, 220, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 215) }
```

Border

The CSS property to change the border of an element to XYZ 79.0989, 77.3527, 75.0516 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, 220, 215) }
```


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

```
.border{ border-color:rgb(255, 220, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0989, 77.3527, 75.0516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 215) }
```

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

```
.background{ background-color: rgb(255,  
220, 215) }
```

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