

Converting Colors

XYZ(78.9450, 77.8768, 72.4357)

Have a look what the booklet for
XYZ(78.9450, 77.8768, 72.4357)
contains.

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Color

**XYZ(78.8543, 77.6761,
72.4649)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDD3
RGB	255, 221, 211
RGB Percent	100%, 87%, 83%
CMY	0.0000, 0.1333, 0.1725
CMYK	0.00, 0.13, 0.17, 0.00
HSL	14°, 100%, 91%
HSV	14°, 17%, 100%
XYZ	78.8543, 77.6761, 72.4649
YIQ	230.0260, 23.4740, 4.0980

Conversions

Conversions Part 2

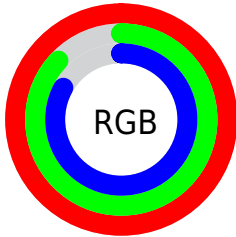
Format	Color
R _Y B	255, 224, 211
Decimal	16768467
CIE Lab	90.63, 10.20, 9.23
CIE LCh	91, 13.758, 42.144
Yxy	77.6761, 0.3443, 0.3392
Android (android.graphics.Color)	4294958547 (0xFFFFDDD3)
YUV	230.0260, -9.3798, 21.9022
Hunter-Lab	88.1340, 5.4709, 12.9449

Details

The XYZ color **78.8543, 77.6761, 72.4649** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5654, 86.3711, 107.1909**, and the grayscale version is **75.2898, 79.2107, 86.2604**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0107, 41.7125, 37.6827** is the 20% darker color. If you saturate the color by 10%, you get **71.0078, 66.6995, 55.3088**, and if you desaturate by 10%, it is **87.8222, 90.0831, 92.4985**.

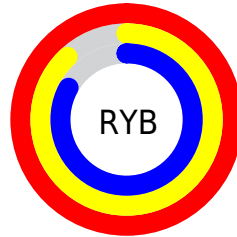
Distribution



Red (100%)

Green (87%)

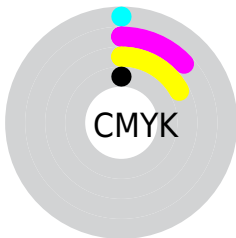
Blue (83%)



Red (100%)

Yellow (88%)

Blue (83%)

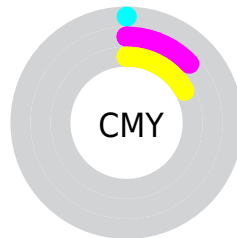


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8543, 77.6761, 72.4649 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 78.8543, 77.6761, 72.4649 by changing the saturation by 10% instead.


 78.8543, 77.6761,
72.4649

 78.8543, 77.6761,
72.4649

479.8589,
487.0661, 488.1791

 59.0812, 57.8079,
53.0494


130.7127,
130.0934, 124.4311

 42.9251, 41.6543,
37.4542


163.5288,
163.4114, 157.8189

 30.0207, 28.8307,
25.2608


201.4233,
201.9814, 196.7012

 20.0024, 18.9528,
16.0507

244.7615,
246.1879, 241.4965

 12.5051, 11.6361,
9.4053

293.9088,
296.4152, 292.6235

 7.1633, 6.4964,
4.9061

349.2306,

 3.6117, 3.1492,

353.0477, 350.5005

2.1345

411.0921,
416.4699, 415.5462

■ 1.4849, 1.2101,
0.6362

■ 0.3155, 0.0700,
0.0000

■ 78.8543, 77.6761,
72.4649

■ 78.8543, 77.6761,
72.4649

■ 71.0078, 66.6995,
55.3088

■ 87.8222, 90.0831,
92.4985

■ 64.2321, 57.0917,
40.8928

95.0500, 100.0000,
108.9000

■ 58.4812, 48.8013,
29.0754

■ 53.7032, 41.7697,
19.7003

■ 49.8417, 35.9341,
12.5945

■ 46.8338, 31.2256,
7.5619

■ 44.6081, 27.5681,
4.3726

■ 43.0777, 24.8741,
2.7318

■ 42.7523, 24.2845,
2.4341

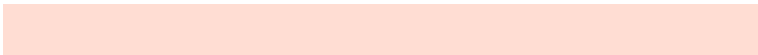
Harmonies

Analogous

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



80.5016, 77.6761, 80.6443



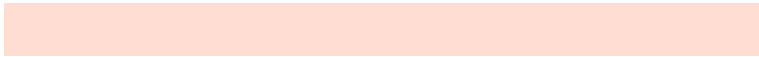
78.8543, 77.6761, 72.4649



75.8803, 77.6761, 67.7605

Triad

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



78.8543, 77.6761, 72.4649



67.6966, 77.6761, 78.8869



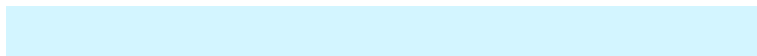
75.2323, 77.6761, 104.5290

Complementary

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



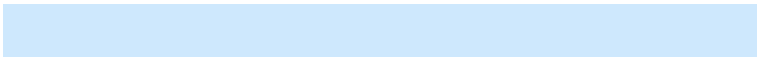
78.8543, 77.6761, 72.4649



77.5654, 86.3711, 107.1909

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.



71.8146, 77.6761, 103.9661



78.8543, 77.6761, 72.4649



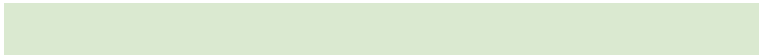
67.5353, 77.6761, 88.6336

Square

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



78.8543, 77.6761, 72.4649



69.4691, 77.6761, 71.2648



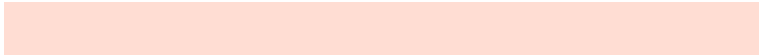
69.0215, 77.6761, 97.9667



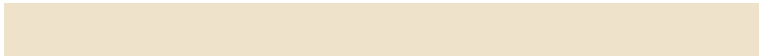
78.3672, 77.6761, 99.4495

Rectangle

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



78.8543, 77.6761, 72.4649



73.5810, 77.6761, 66.9860



69.0215, 77.6761, 97.9667



74.0771, 77.6761, 105.0038

Sweetspot

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



78.8562, 77.6795, 72.4665



90.0022, 93.0810, 97.4242



81.0875, 74.4704, 96.8609



19.1174, 19.7214, 20.5206



0.0000, 0.0000, 0.0000



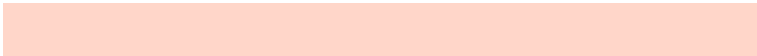
20.3446, 21.4041, 23.3091

Same Dimension

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



78.8562, 77.6795, 72.4665



75.7878, 73.4026, 65.7100



84.9093, 89.7857, 74.4842



18.3444, 18.6570, 18.7786



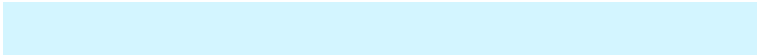
22.4305, 12.8723, 1.3024



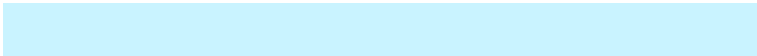
2.2619, 1.4092, 0.1528

Inverse Universe

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



77.5654, 86.3711, 107.1909



74.2563, 83.6954, 106.8489



71.4273, 74.0948, 105.1448



18.1840, 19.7396, 23.1017



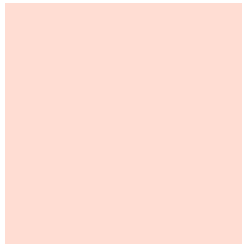
19.9841, 24.8778, 53.1832



2.0273, 2.5853, 5.2054

Previews

White Background



This preview shows how the XYZ color 78.8543, 77.6761, 72.4649 looks on a white background.

Color Contrast Check

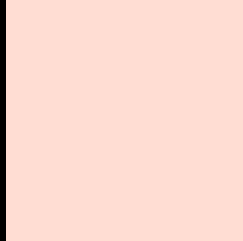
Large Text (above 18pt) WCAG AA × Fail

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 78.8543, 77.6761, 72.4649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

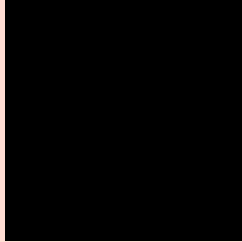
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

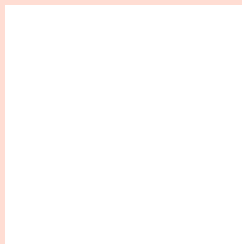
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.8543, 77.6761, 72.4649

Background



This preview shows how black text looks on a background with the XYZ color 78.8543, 77.6761, 72.4649.



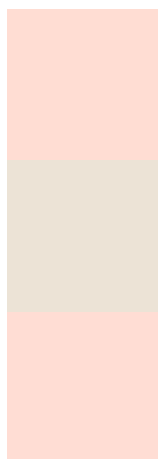
This preview shows how white text looks on a background with the XYZ color 78.8543, 77.6761,

72.4649.

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

78.8543, 77.6761, 72.4649

Protanopia

74.1988, 77.6261, 74.6910

Deuteranopia

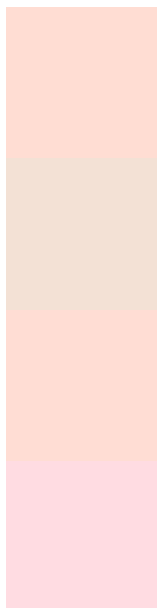
78.9801, 77.7264, 73.1273



Tritanopia

81.4228, 77.8635, 88.5796

Trichromacy



Original Color

78.8543, 77.6761, 72.4649

Protanomaly

75.8976, 77.7092, 73.9499

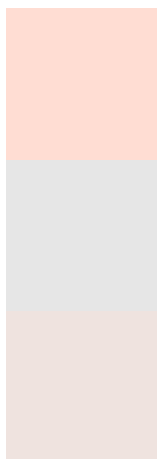
Deuteranomaly

78.9801, 77.7264, 73.1273

Tritanomaly

80.5607, 77.9374, 82.7489

Monochromacy



Original Color

78.8543, 77.6761, 72.4649

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.3850, 78.6166, 80.9606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8543, 77.6761, 72.4649 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, 221, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 211)  
}
```

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, 221, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 211) }
```

Border

The CSS property to change the border of an element to XYZ 78.8543, 77.6761, 72.4649 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, 221, 211) }
```


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

```
.border{ border-color:rgb(255, 221, 211) }
```

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

Here you see how a box with a 4 pixel rgb(255, 221, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8543, 77.6761, 72.4649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 211) }
```

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

```
.background{ background-color: rgb(255,  
221, 211) }
```

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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