

Converting Colors

XYZ(79.3542, 77.4498, 76.4128)

Have a look what the booklet for
XYZ(79.3542, 77.4498, 76.4128)
contains.

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Color

**XYZ(79.3576, 77.4562,
76.4136)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCD9
RGB	255, 220, 217
RGB Percent	100%, 86%, 85%
CMY	0.0000, 0.1372, 0.1490
CMYK	0.00, 0.14, 0.15, 0.00
HSL	5°, 100%, 93%
HSV	5°, 15%, 100%
XYZ	79.3576, 77.4562, 76.4136
YIQ	230.1230, 21.8230, 6.4870

Conversions

Conversions Part 2

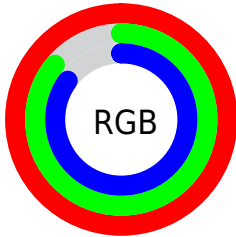
Format	Color
R_{YB}	255, 220, 217
Decimal	16768217
CIE _{Lab}	90.53, 11.63, 5.94
CIE _{LCh}	91, 13.062, 27.059
Yxy	77.4562, 0.3403, 0.3321
Android (android.graphics.Color)	4294958297 (0xFFFFDCD9)
YUV	230.1230, -6.4696, 21.8171
Hunter-Lab	88.0092, 6.9367, 10.1282

Details

The XYZ color **79.3576, 77.4562, 76.4136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.4747, 91.5899, 107.9922**, and the grayscale version is **75.3415, 79.2652, 86.3198**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2654, 41.5247, 39.9171** is the 20% darker color. If you saturate the color by 10%, you get **70.5573, 64.7597, 58.3612**, and if you desaturate by 10%, it is **89.5399, 92.0958, 97.4569**.

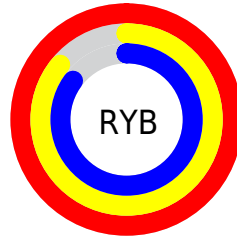
Distribution



Red (100%)

Green (86%)

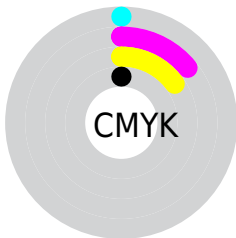
Blue (85%)



Red (100%)

Yellow (86%)

Blue (85%)

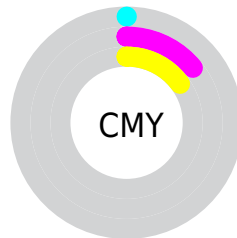


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (14%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3576, 77.4562, 76.4136 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 79.3576, 77.4562, 76.4136 by changing the saturation by 10% instead.


 79.3576, 77.4562,
76.4136

 79.3576, 77.4562,
76.4136

481.5348,
486.3180, 502.1468

 59.4965, 57.6274,
56.2630


131.4174,
129.7833, 130.0768

 43.2608, 41.5091,
40.0084


164.3469,
163.0503, 164.4266

 30.2852, 28.7171,
27.2313


202.3632,
201.5655, 204.3464

 20.2043, 18.8669,
17.5130

245.8317,
245.7132, 250.2550

 12.6528, 11.5742,
10.4351

295.1178,
295.8780, 302.5708

 7.2652, 6.4544,
5.5790

350.5868,

 3.6763, 3.1233,

352.4441, 361.7123

2.5262

412.6040,
415.7960, 428.0981

■ 1.5207, 1.1965,
0.8540

■ 0.3399, 0.0588,
0.0000

■ 79.3576, 77.4562,
76.4136

■ 79.3576, 77.4562,
76.4136

■ 70.5573, 64.7597,
58.3612

■ 89.5399, 92.0958,
97.4569

■ 63.0741, 53.9153,
43.1595

95.0500, 100.0000,
108.9000

■ 56.8462, 44.8393,
30.6640

■ 51.8046, 37.4379,
20.7160

■ 47.8737, 31.6085,
13.1398

■ 44.9690, 27.2372,
7.7379

■ 42.9939, 24.1949,
4.2805

■ 41.8329, 22.3295,
2.4860

■ 41.4931, 21.7661,
2.0144

Harmonies

Analogous

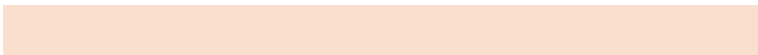
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0740, 77.4562, 85.2633



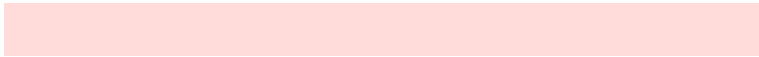
79.3576, 77.4562, 76.4136



77.0892, 77.4562, 70.1199

Triad

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



79.3576, 77.4562, 76.4136



68.4722, 77.4562, 74.9260



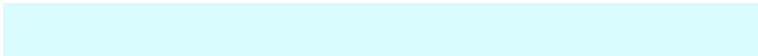
73.2979, 77.4562, 103.6121

Complementary

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



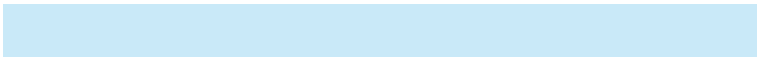
79.3576, 77.4562, 76.4136



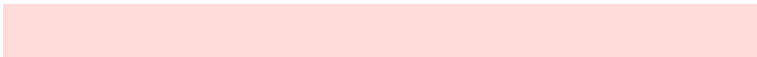
81.4747, 91.5899, 107.9922

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.



70.2560, 77.4562, 100.3558



79.3576, 77.4562, 76.4136



67.5221, 77.4562, 83.4167

Square

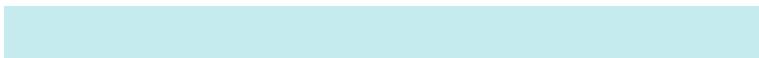
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3576, 77.4562, 76.4136



70.7987, 77.4562, 69.3067



68.1655, 77.4562, 92.7892



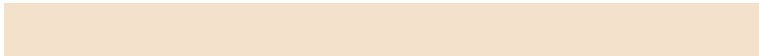
76.5149, 77.4562, 101.3961

Rectangle

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



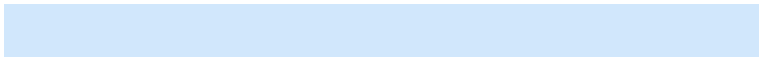
79.3576, 77.4562, 76.4136



75.0358, 77.4562, 67.9882



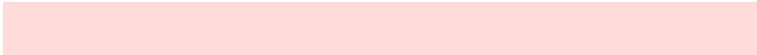
68.1655, 77.4562, 92.7892



72.2217, 77.4562, 103.1159

Sweetspot

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



79.3594, 77.4595, 76.4152



90.5271, 93.5128, 99.5047



83.6980, 77.9444, 103.1172



19.2000, 19.7622, 20.9319



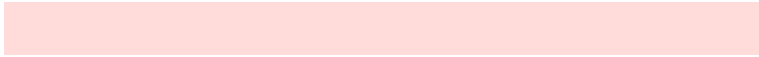
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

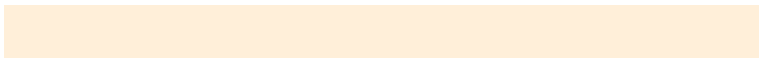
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3594, 77.4595, 76.4152



76.4873, 73.3209, 70.5076



84.4948, 87.7303, 78.1270



18.1247, 18.2177, 18.7054



21.7214, 11.4539, 1.0660



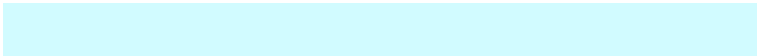
2.1528, 1.1911, 0.1164

Inverse Universe

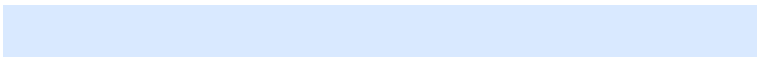
The Inverse Universe completely reimagines the original color for something new.



81.4747, 91.5899, 107.9922



78.9859, 90.0160, 107.8196



75.9372, 80.5149, 106.1463



18.4247, 20.2211, 23.1819



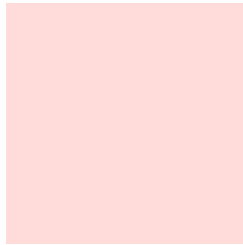
24.9818, 34.8732, 54.8491



2.4674, 3.4654, 5.3521

Previews

White Background



This preview shows how the XYZ color 79.3576, 77.4562, 76.4136 looks on a white background.

Color Contrast Check

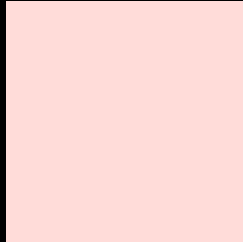
Large Text (above 18pt) WCAG AA × Fail

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 79.3576, 77.4562, 76.4136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

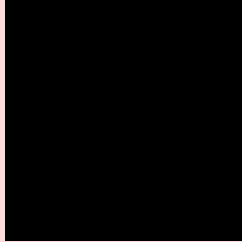
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3576, 77.4562, 76.4136

Background



This preview shows how black text looks on a background with the XYZ color 79.3576, 77.4562, 76.4136.

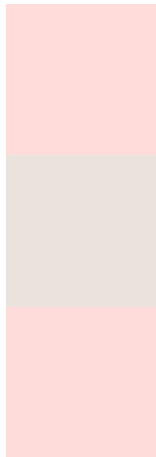


This preview shows how white text looks on a background with the XYZ color 79.3576, 77.4562,

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

79.3576, 77.4562, 76.4136

Protanopia

74.4519, 77.6511, 79.4707

Deuteranopia

78.9906, 77.2670, 76.3964



Tritanopia

81.1627, 77.3433, 88.4929

Trichromacy



Original Color

79.3576, 77.4562, 76.4136

Protanomaly

76.1919, 77.3559, 78.6256

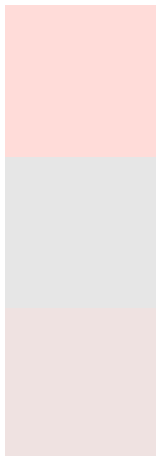
Deuteranomaly

78.9906, 77.2670, 76.3964

Tritanomaly

80.5751, 77.5245, 84.1157

Monochromacy



Original Color

79.3576, 77.4562, 76.4136

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 79.3576, 77.4562, 76.4136 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 217) }
```

Border

The CSS property to change the border of an element to XYZ 79.3576, 77.4562, 76.4136 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, 217) }
```


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

```
.border{ border-color:rgb(255, 220, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3576, 77.4562, 76.4136 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
220, 217) }
```

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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