

Converting Colors

XYZ(79.9200, 79.4037, 74.0650)

Have a look what the booklet for
XYZ(79.9200, 79.4037, 74.0650)
contains.

XYZ(79.9059, 79.3754, 74.0603)	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(79.9059, 79.3754,
74.0603)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0D5
RGB	255, 224, 213
RGB Percent	100%, 88%, 84%
CMY	0.0000, 0.1215, 0.1647
CMYK	0.00, 0.12, 0.16, 0.00
HSL	16°, 100%, 92%
HSV	16°, 16%, 100%
XYZ	79.9059, 79.3754, 74.0603
YIQ	232.0150, 22.0070, 3.1510

Conversions

Conversions Part 2

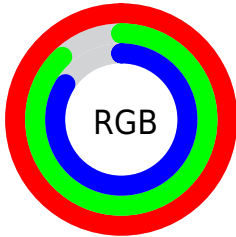
Format	Color
R _Y B	255, 228, 213
Decimal	16769237
CIE Lab	91.40, 8.95, 9.29
CIE LCh	91, 12.902, 46.061
Yxy	79.3754, 0.3424, 0.3402
Android (android.graphics.Color)	4294959317 (0xFFFFE0D5)
YUV	232.0150, -9.3744, 20.1578
Hunter-Lab	89.0929, 4.1811, 13.0790

Details

The XYZ color **79.9059, 79.3754, 74.0603** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.8404, 86.0651, 107.1173**, and the grayscale version is **76.7710, 80.7691, 87.9575**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6482, 42.8503, 38.3182** is the 20% darker color. If you saturate the color by 10%, you get **72.1397, 68.6219, 56.7390**, and if you desaturate by 10%, it is **88.7446, 91.4588, 94.2519**.

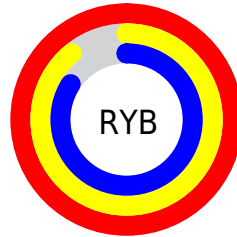
Distribution



Red (100%)

Green (88%)

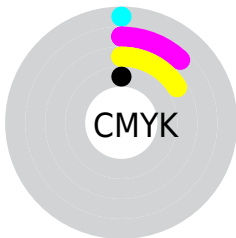
Blue (84%)



Red (100%)

Yellow (89%)

Blue (84%)

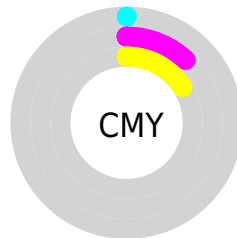


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.9059, 79.3754, 74.0603 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 79.9059, 79.3754, 74.0603 by changing the saturation by 10% instead.


 79.9059, 79.3754,
74.0603

 79.9059, 79.3754,
74.0603


483.3570,
492.8254, 493.8504

 59.9491, 59.2045,
54.3463


132.1846,
132.4872, 126.7161

 43.6269, 42.7778,
38.4835


165.2373,
166.1969, 160.4950

 30.5740, 29.7108,
26.0535


203.3860,
205.1884, 199.7993

 20.4249, 19.6192,
16.6375

246.9961,
249.8460, 245.0475

 12.8143, 12.1185,
9.8172

296.4328,
300.5540, 296.6582

 7.3769, 6.8245,
5.1739

352.0617,

 3.7473, 3.3526,

357.6971, 355.0499

2.2891

414.2480,
421.6594, 420.6411

■ 1.5602, 1.3184,
0.7251

■ 0.3663, 0.1554,
0.0000

■ 79.9059, 79.3754,
74.0603

■ 79.9059, 79.3754,
74.0603

■ 72.1397, 68.6219,
56.7390

■ 88.7446, 91.4588,
94.2519

■ 65.3985, 59.1423,
42.1519

95.0500, 100.0000,
108.9000

■ 59.6395, 50.8916,
30.1596

■ 54.8145, 43.8180,
20.6081

■ 50.8709, 37.8663,
13.3269

■ 47.7505, 32.9760,
8.1235

■ 45.3872, 29.0808,
4.7726

■ 43.7021, 26.1053,
2.9940

■ 43.2362, 25.2524,
2.5954

Harmonies

Analogous

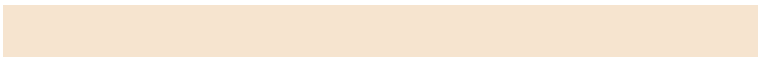
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6691, 79.3754, 81.5244



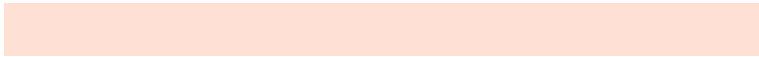
79.9059, 79.3754, 74.0603



76.9736, 79.3754, 70.0528

Triad

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



79.9059, 79.3754, 74.0603



69.4862, 79.3754, 82.1474



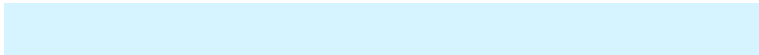
77.2024, 79.3754, 104.9738

Complementary

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



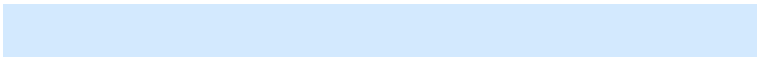
79.9059, 79.3754, 74.0603



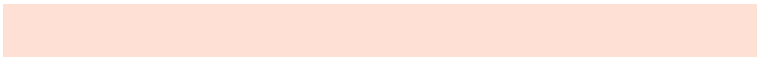
77.8404, 86.0651, 107.1173

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.



73.9347, 79.3754, 105.1709



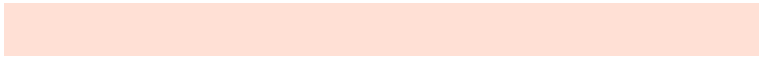
79.9059, 79.3754, 74.0603



69.5435, 79.3754, 91.5209

Square

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



79.9059, 79.3754, 74.0603



70.9926, 79.3754, 74.4878



71.1512, 79.3754, 100.0975



80.0776, 79.3754, 99.5768

Rectangle

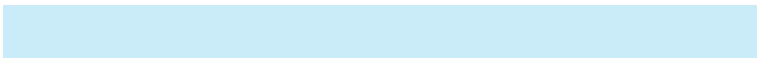
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9059, 79.3754, 74.0603



74.7799, 79.3754, 69.6787



71.1512, 79.3754, 100.0975



76.1119, 79.3754, 105.6630

Sweetspot

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



79.9078, 79.3788, 74.0620



90.1360, 93.3487, 97.4688



81.4399, 75.4114, 96.2504



19.1498, 19.7863, 20.5314



0.0000, 0.0000, 0.0000



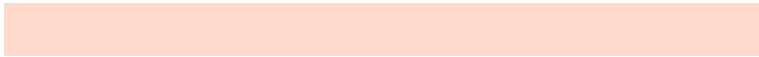
20.3446, 21.4041, 23.3091

Same Dimension

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



79.9078, 79.3788, 74.0620



77.0456, 75.4327, 67.6260



85.7519, 91.0671, 76.0100



18.3963, 18.7608, 18.7959



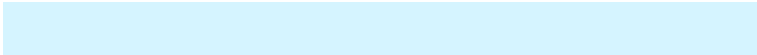
22.6942, 13.3996, 1.3903



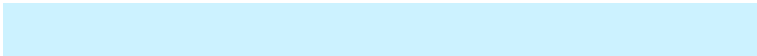
2.2940, 1.4734, 0.1635

Inverse Universe

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



77.8404, 86.0651, 107.1173



74.5960, 83.3457, 106.7634



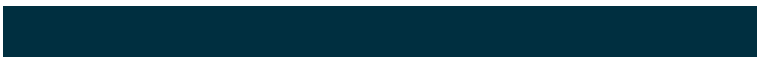
72.0129, 74.4100, 105.1748



18.1285, 19.6285, 23.0832



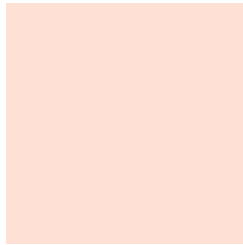
18.9768, 22.8632, 52.8474



1.9367, 2.4040, 5.1752

Previews

White Background



This preview shows how the XYZ color 79.9059, 79.3754, 74.0603 looks on a white background.

Color Contrast Check

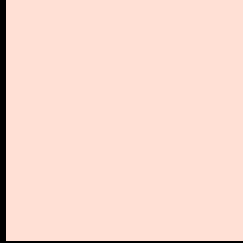
Large Text (above 18pt) WCAG AA × Fail

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 79.9059, 79.3754, 74.0603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

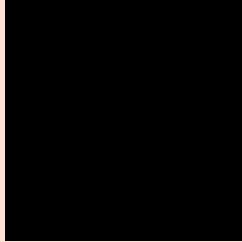
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.9059, 79.3754, 74.0603

Background



This preview shows how black text looks on a background with the XYZ color 79.9059, 79.3754, 74.0603.

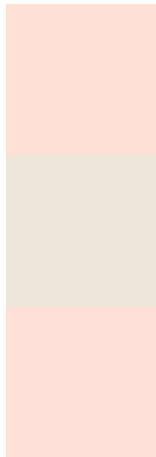


This preview shows how white text looks on a background with the XYZ color 79.9059, 79.3754,

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

79.9059, 79.3754, 74.0603

Protanopia

75.9514, 79.7286, 76.3518

Deuteranopia

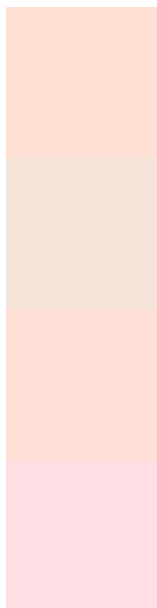
80.2903, 79.5292, 76.0847



Tritanopia

82.6473, 79.6170, 91.1324

Trichromacy



Original Color

79.9059, 79.3754, 74.0603

Protanomaly

77.3174, 79.6262, 75.5843

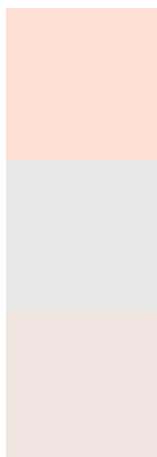
Deuteranomaly

80.1614, 79.4776, 75.4057

Tritanomaly

81.6313, 79.6368, 84.4678

Monochromacy



Original Color

79.9059, 79.3754, 74.0603

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.5451, 80.0001, 82.5887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9059, 79.3754, 74.0603 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, 224, 213) looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 213)  
}
```

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, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 213) }
```

Border

The CSS property to change the border of an element to XYZ 79.9059, 79.3754, 74.0603 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, 224, 213) }
```


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

```
.border{ border-color:rgb(255, 224, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9059, 79.3754, 74.0603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 213) }
```

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

```
.background{ background-color: rgb(255,  
224, 213) }
```

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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