

Converting Colors

XYZ(84.7756, 78.3023, 77.8700)

Have a look what the booklet for
XYZ(84.7756, 78.3023, 77.8700)
contains.

XYZ(78.3266, 74.9754, 77.3613)	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(78.3266, 74.9754,
77.3613)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7DB
RGB	255, 215, 219
RGB Percent	100%, 84%, 86%
CMY	0.0000, 0.1568, 0.1412
CMYK	0.00, 0.16, 0.14, 0.00
HSL	354°, 100%, 92%
HSV	354°, 16%, 100%
XYZ	78.3266, 74.9754, 77.3613
YIQ	227.4160, 22.5560, 9.7240

Conversions

Conversions Part 2

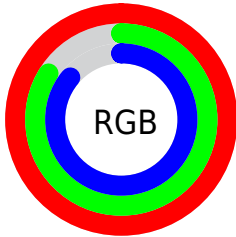
Format	Color
R _Y B	255, 215, 219
Decimal	16766939
CIE Lab	89.38, 14.54, 3.23
CIE LCh	89, 14.894, 12.517
Yxy	74.9754, 0.3396, 0.3250
Android (android.graphics.Color)	4294957019 (0xFFFFD7DB)
YUV	227.4160, -4.1491, 24.1912
Hunter-Lab	86.5883, 9.9390, 7.6399

Details

The XYZ color **78.3266, 74.9754, 77.3613** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.1995, 92.9334, 104.9289**, and the grayscale version is **73.3359, 77.1551, 84.0219**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5603, 39.8277, 40.5663** is the 20% darker color. If you saturate the color by 10%, you get **69.5161, 61.8611, 60.5303**, and if you desaturate by 10%, it is **88.5695, 90.2867, 96.7273**.

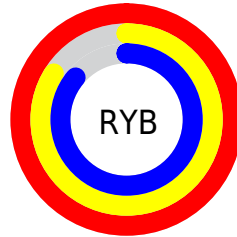
Distribution



Red (100%)

Green (84%)

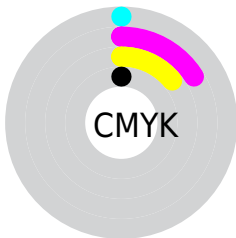
Blue (86%)



Red (100%)

Yellow (84%)

Blue (86%)

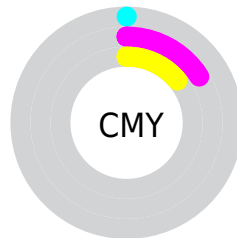


Cyan (0%)

Magenta (16%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3266, 74.9754, 77.3613 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 78.3266, 74.9754, 77.3613 by changing the saturation by 10% instead.


 78.3266, 74.9754,
77.3613

 78.3266, 74.9754,
77.3613

478.0982,
477.8330, 505.4653

 58.6460, 55.5927,
57.0361


129.9734,
126.2775, 131.4270

 42.5735, 39.8765,
40.6247


162.6702,
158.9658, 166.0047

 29.7437, 27.4423,
27.7085


200.4366,
196.8581, 206.1702

 19.7912, 17.9056,
17.8689

243.6378,
240.3387, 252.3422

 12.3508, 10.8823,
10.6874

292.6392,
289.7921, 304.9392

 7.0569, 5.9877,
5.7455

347.8062,

 3.5444, 2.8376,

345.6027, 364.3796

2.6247

409.5040,
408.1549, 431.0822

■ 1.4478, 1.0476,
0.9052

■ 0.2899, 0.0000,
0.0000

■ 78.3266, 74.9754,
77.3613

■ 78.3266, 74.9754,
77.3613

■ 69.5161, 61.8611,
60.5303

■ 88.5695, 90.2867,
96.7273

■ 62.0687, 50.8340,
46.1246

95.0500, 100.0000,
108.9000

■ 55.9179, 41.7892,
34.0338

■ 50.9891, 34.6089,
24.1368

■ 47.2002, 29.1630,
16.3016

■ 44.4589, 25.3043,
10.3819

■ 42.6585, 22.8615,
6.2119

■ 41.6688, 21.6231,
3.5974

■ 41.4206, 21.3323,
2.8812

Harmonies

Analogous

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



78.1593, 74.9754, 87.8165



78.3266, 74.9754, 77.3613



76.5546, 74.9754, 68.8057

Triad

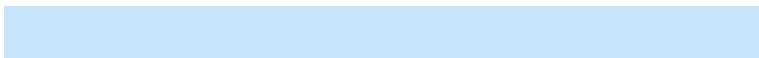
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3266, 74.9754, 77.3613



66.6287, 74.9754, 67.7140



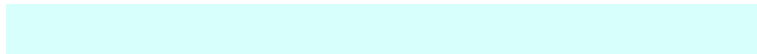
69.1766, 74.9754, 102.3202

Complementary

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



78.3266, 74.9754, 77.3613



81.1995, 92.9334, 104.9289

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.



66.2189, 74.9754, 95.9685



78.3266, 74.9754, 77.3613



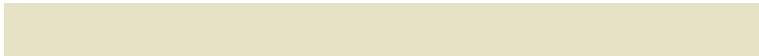
64.7827, 74.9754, 75.7515

Square

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



78.3266, 74.9754, 77.3613



69.7534, 74.9754, 63.5632



64.6353, 74.9754, 86.0642



72.7919, 74.9754, 102.8445

Rectangle

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



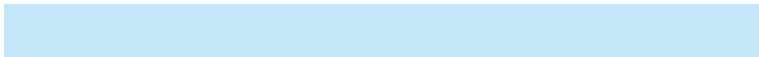
78.3266, 74.9754, 77.3613



74.5461, 74.9754, 65.0890



64.6353, 74.9754, 86.0642



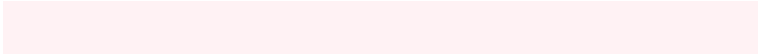
68.0756, 74.9754, 100.7724

Sweetspot

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



78.3284, 74.9786, 77.3629



89.3235, 91.4159, 98.1464



82.1359, 76.3334, 105.0125



18.9531, 19.3184, 20.6953



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

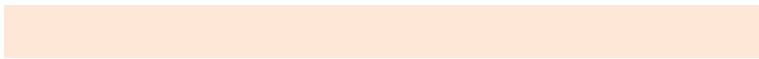
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3284, 74.9786, 77.3629



75.2508, 70.3906, 71.5053



82.0835, 83.3205, 76.0504



18.0831, 18.0165, 19.0547



21.6672, 11.1562, 1.6322



2.1330, 1.0956, 0.2819

Inverse Universe

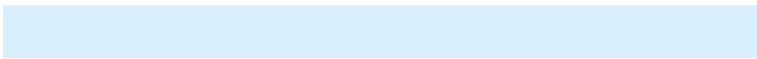
The Inverse Universe completely reimagines the original color for something new.



78.3284, 74.9786, 77.3629



75.2508, 70.3906, 71.5053



76.9434, 83.4025, 106.6507



18.0831, 18.0165, 19.0547



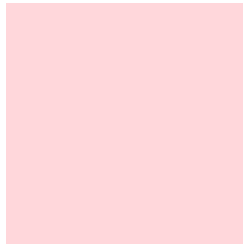
21.6672, 11.1562, 1.6322



2.1330, 1.0956, 0.2819

Previews

White Background



This preview shows how the XYZ color 78.3266, 74.9754, 77.3613 looks on a white background.

Color Contrast Check

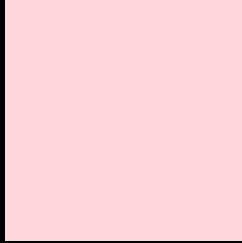
Large Text (above 18pt) WCAG AA × Fail

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 78.3266, 74.9754, 77.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

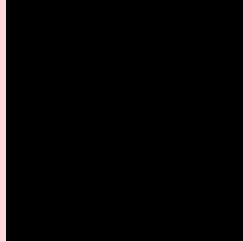
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3266, 74.9754, 77.3613

Background



This preview shows how black text looks on a background with the XYZ color 78.3266, 74.9754, 77.3613.

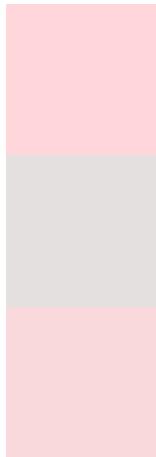


This preview shows how white text looks on a background with the XYZ color 78.3266, 74.9754,

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

78.3266, 74.9754, 77.3613

Protanopia

72.4233, 75.3511, 81.2481

Deuteranopia

76.6660, 74.8799, 77.4304



Tritanopia

79.5695, 75.0663, 85.1584

Trichromacy



Original Color

78.3266, 74.9754, 77.3613

Protanomaly

74.3012, 75.1640, 79.6992

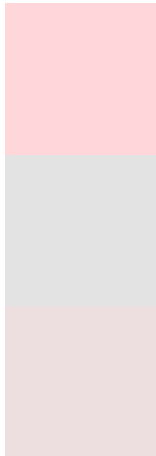
Deuteranomaly

77.1257, 74.7354, 77.3783

Tritanomaly

79.0140, 74.8441, 82.2334

Monochromacy



Original Color

78.3266, 74.9754, 77.3613

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.7673, 76.1617, 81.2810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3266, 74.9754, 77.3613 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, 215, 219) looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 219)  
}
```

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, 215, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 219) }
```

Border

The CSS property to change the border of an element to XYZ 78.3266, 74.9754, 77.3613 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, 215, 219) }
```


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

```
.border{ border-color:rgb(255, 215, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3266, 74.9754, 77.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 219) }
```

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

```
.background{ background-color: rgb(255,  
215, 219) }
```

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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