

Converting Colors

XYZ(77.0382, 74.9901, 79.5052)

Have a look what the booklet for
XYZ(77.0382, 74.9901, 79.5052)
contains.

| | |
|--|----|
| XYZ(77.0646, 75.0394, 79.5295) | 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(77.0646, 75.0394,
79.5295)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F9D9DE |
| RGB | 249, 217, 222 |
| RGB Percent | 98%, 85%, 87% |
| CMY | 0.0235, 0.1490, 0.1294 |
| CMYK | 0.00, 0.13, 0.11, 0.02 |
| HSL | 351°, 73%, 91% |
| HSV | 351°, 13%, 98% |
| XYZ | 77.0646, 75.0394, 79.5295 |
| YIQ | 227.1380, 17.4670, 8.3390 |

Conversions

Conversions Part 2

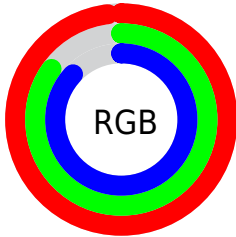
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 249, 217, 222 |
| Decimal | 16374238 |
| CIE _{Lab} | 89.41, 11.88, 1.63 |
| CIE _{LCh} | 89, 11.991, 7.802 |
| Yxy | 75.0394, 0.3327, 0.3240 |
| Android (android.graphics.Color) | 4294564318 (0xFFFF9D9DE) |
| YUV | 227.1380, -2.5330, 19.1730 |
| Hunter-Lab | 86.6253, 7.2050, 6.2044 |

Details

The XYZ color **77.0646, 75.0394, 79.5295** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8230, 89.0366, 98.6238**, and the grayscale version is **73.1248, 76.9330, 83.7800**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6336, 39.8371, 42.0542** is the 20% darker color. If you saturate the color by 10%, you get **68.4815, 62.1022, 63.6291**, and if you desaturate by 10%, it is **86.9712, 90.0602, 97.6045**.

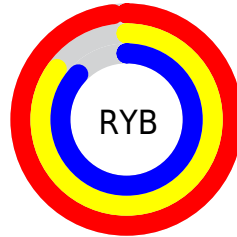
Distribution



Red (98%)

Green (85%)

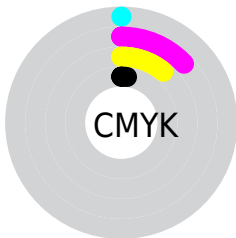
Blue (87%)



Red (98%)

Yellow (85%)

Blue (87%)

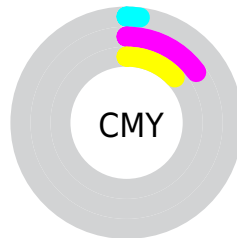


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0646, 75.0394, 79.5295 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 77.0646, 75.0394, 79.5295 by changing the saturation by 10% instead.


 77.0646, 75.0394,
79.5295

 77.0646, 75.0394,
79.5295


473.8728,
478.0530, 513.0107

 57.6060, 55.6452,
58.8074


128.2030,
126.3681, 134.5094

 41.7340, 39.9185,
42.0391


160.6136,
159.0714, 169.6043

 29.0833, 27.4750,
28.8061


198.0721,
196.9799, 210.3272

 19.2884, 17.9303,
18.6899

240.9441,
240.4778, 257.0967

 11.9841, 10.8999,
11.2719

289.5948,
289.9497, 310.3312

 6.8050, 5.9996,
6.1335

344.3896,

 3.3857, 2.8448,

345.7800, 370.4494

2.8563

405.6938,
408.3529, 437.8697

■ 1.3608, 1.0513,
1.0218

■ 0.2281, 0.0000,
0.0000

■ 77.0646, 75.0394,
79.5295

■ 77.0646, 75.0394,
79.5295

■ 68.4815, 62.1022,
63.6291

■ 86.9712, 90.0602,
97.6045

■ 61.1596, 51.1472,
49.8165

■ 92.8773, 98.8799,
108.7983

■ 55.0407, 42.0790,
38.0057

■ 50.0599, 34.7908,
28.1033

■ 46.1457, 29.1650,
20.0082

■ 43.2186, 25.0698,
13.6098

■ 41.1876, 22.3532,
8.7851

■ 39.9440, 20.8317,
5.3936

■ 39.4315, 20.2856,
3.7460

Harmonies

Analogous

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



76.6796, 75.0394, 87.9685



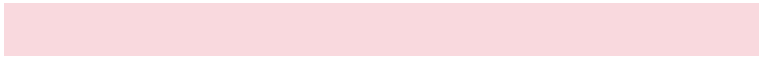
77.0646, 75.0394, 79.5295



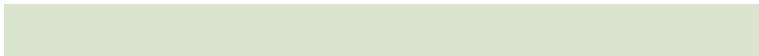
75.8780, 75.0394, 72.1885

Triad

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



77.0646, 75.0394, 79.5295



67.9174, 75.0394, 69.5820



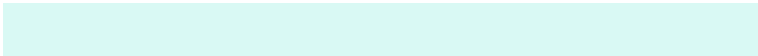
69.2105, 75.0394, 97.6113

Complementary

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



77.0646, 75.0394, 79.5295



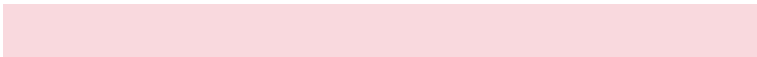
78.8230, 89.0366, 98.6238

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.



66.9535, 75.0394, 92.0234



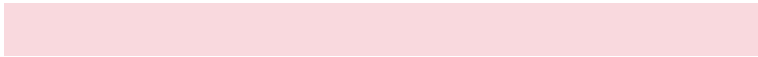
77.0646, 75.0394, 79.5295



66.2213, 75.0394, 75.7464

Square

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



77.0646, 75.0394, 79.5295



70.5589, 75.0394, 66.7078



65.8733, 75.0394, 83.9201



72.0920, 75.0394, 98.7970

Rectangle

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



77.0646, 75.0394, 79.5295



74.3740, 75.0394, 68.7704



65.8733, 75.0394, 83.9201



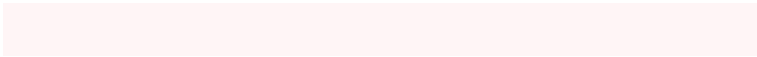
68.3560, 75.0394, 96.1679

Sweetspot

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



77.0667, 75.0427, 79.5311



90.5268, 93.1218, 100.7080



79.1068, 75.6423, 100.0544



19.1999, 19.6638, 21.2350



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

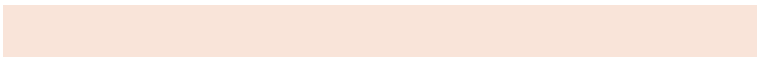
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0667, 75.0427, 79.5311



79.2703, 76.0697, 80.1206



79.2454, 80.4560, 77.0026



17.3551, 17.2694, 18.4596



21.1394, 10.8715, 2.1768



1.9892, 1.0194, 0.3663

Inverse Universe

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



77.0667, 75.0427, 79.5311



79.2703, 76.0697, 80.1206



76.3886, 82.9372, 101.6058



17.3551, 17.2694, 18.4596



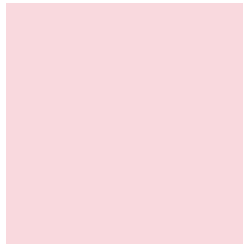
21.1394, 10.8715, 2.1768



1.9892, 1.0194, 0.3663

Previews

White Background



This preview shows how the XYZ color 77.0646, 75.0394, 79.5295 looks on a white background.

Color Contrast Check

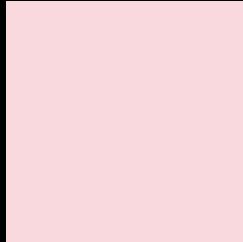
Large Text (above 18pt) WCAG AA × Fail

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 77.0646, 75.0394, 79.5295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

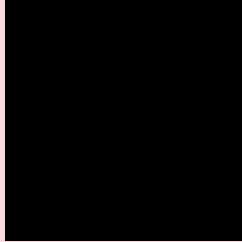
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0646, 75.0394, 79.5295

Background



This preview shows how black text looks on a background with the XYZ color 77.0646, 75.0394, 79.5295.



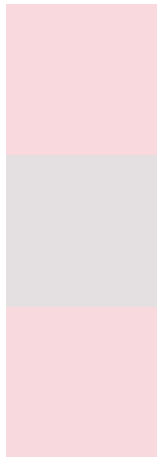
This preview shows how white text looks on a background with the XYZ color 77.0646, 75.0394,

79.5295.

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

77.0646, 75.0394, 79.5295

Protanopia

72.3780, 75.2963, 82.6704

Deuteranopia

76.9676, 75.3732, 79.5991



Tritanopia

78.2903, 74.7511, 86.6460

Trichromacy



Original Color

77.0646, 75.0394, 79.5295

Protanomaly

74.0391, 74.9820, 81.8049

Deuteranomaly

76.9676, 75.3732, 79.5991

Tritanomaly

77.9838, 75.0372, 83.7722

Monochromacy



Original Color

77.0646, 75.0394, 79.5295

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.2392, 75.8738, 81.9664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0646, 75.0394, 79.5295 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(249, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(249, 217, 222)  
}
```

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(249, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 217, 222) }
```

Border

The CSS property to change the border of an element to XYZ 77.0646, 75.0394, 79.5295 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(249, 217, 222) }
```


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

```
.border{ border-color:rgb(249, 217, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(249, 217,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0646, 75.0394, 79.5295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 217, 222) }
```

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

```
.background{ background-color: rgb(249,  
217, 222) }
```

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