

Converting Colors

XYZ(74.5980, 73.8487, 79.4185)

Have a look what the booklet for
XYZ(74.5980, 73.8487, 79.4185)
contains.

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Color

**XYZ(74.6156, 73.7769,
79.4149)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D9DE
RGB	242, 217, 222
RGB Percent	95%, 85%, 87%
CMY	0.0510, 0.1490, 0.1294
CMYK	0.00, 0.10, 0.08, 0.05
HSL	348°, 49%, 90%
HSV	348°, 10%, 95%
XYZ	74.6156, 73.7769, 79.4149
YIQ	225.0450, 13.2950, 6.8550

Conversions

Conversions Part 2

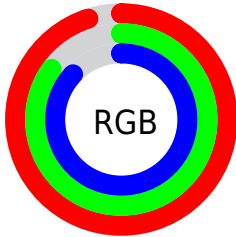
Format	Color
R _Y B	242, 217, 222
Decimal	15915486
CIE Lab	88.82, 9.45, 0.69
CIE LCh	89, 9.475, 4.171
Yxy	73.7769, 0.3275, 0.3239
Android (android.graphics.Color)	4294105566 (0xFFFF2D9DE)
YUV	225.0450, -1.5012, 14.8695
Hunter-Lab	85.8935, 4.7492, 5.3074

Details

The XYZ color **74.6156, 73.7769, 79.4149** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6563, 84.3722, 92.4229**, and the grayscale version is **71.6059, 75.3350, 82.0398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1451, 39.0698, 41.9846** is the 20% darker color. If you saturate the color by 10%, you get **66.3818, 61.2261, 64.5931**, and if you desaturate by 10%, it is **84.0664, 88.2827, 96.1146**.

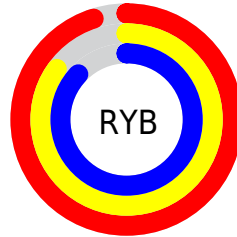
Distribution



Red (95%)

Green (85%)

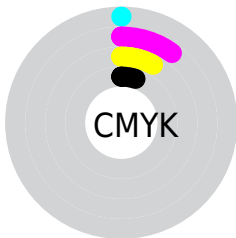
Blue (87%)



Red (95%)

Yellow (85%)

Blue (87%)

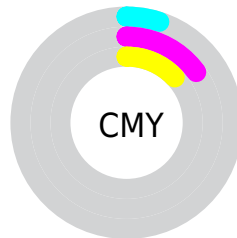


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (5%)



Cyan (5%)


Magenta (15%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6156, 73.7769, 79.4149 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 74.6156, 73.7769, 79.4149 by changing the saturation by 10% instead.


 74.6156, 73.7769,
79.4149

 74.6156, 73.7769,
79.4149


465.6129,
473.7030, 512.6135

 55.5911, 54.6115,
58.7137


124.7589,
124.5795, 134.3468

 40.1109, 39.0907,
41.9642


156.6084,
156.9854, 169.4145

 27.8096, 26.8303,
28.7479


193.4636,
194.5737, 210.1081

 18.3219, 17.4458,
18.6462

235.6899,
237.7286, 256.8461

 11.2824, 10.5529,
11.2407

283.6526,
286.8346, 310.0471

 6.3258, 5.7670,
6.1128

337.7171,

 3.0867, 2.7039,

342.2761, 370.1297

2.8439

398.2487,
404.4374, 437.5123

■ 1.1998, 0.9792,
1.0155

■ 0.1062, 0.0000,
0.0000

■ 74.6156, 73.7769,
79.4149

■ 74.6156, 73.7769,
79.4149

■ 66.3818, 61.2261,
64.5931

■ 84.0664, 88.2827,
96.1146

■ 59.3089, 50.5372,
51.5785

■ 90.4283, 97.6174,
108.6837

■ 53.3459, 41.6241,
40.3026

■ 48.4355, 34.3902,
30.6908

■ 44.5151, 28.7295,
22.6630

■ 41.5153, 24.5239,
16.1324

■ 39.3574, 21.6385,
11.0034

■ 37.9488, 19.9128,
7.1685

■ 37.1594, 19.0939,
4.5632

Harmonies

Analogous

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



74.1693, 73.7769, 85.9622



74.6156, 73.7769, 79.4149



73.8366, 73.7769, 73.4406

Triad

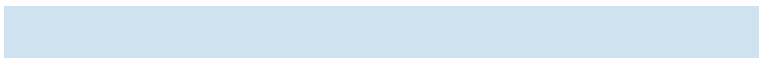
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6156, 73.7769, 79.4149



67.6738, 73.7769, 70.3235



68.2181, 73.7769, 92.2487

Complementary

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



74.6156, 73.7769, 79.4149



75.6563, 84.3722, 92.4229

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.



66.5355, 73.7769, 87.6384



74.6156, 73.7769, 79.4149



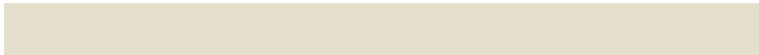
66.2261, 73.7769, 74.9504

Square

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



74.6156, 73.7769, 79.4149



69.8023, 73.7769, 68.3762



65.8139, 73.7769, 81.2531



70.4441, 73.7769, 93.6028

Rectangle

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



74.6156, 73.7769, 79.4149



72.7371, 73.7769, 70.5155



65.8139, 73.7769, 81.2531



67.5718, 73.7769, 91.0165

Sweetspot

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



74.6177, 73.7801, 79.4165



91.6879, 94.8278, 102.9947



75.7673, 74.0444, 94.3039



19.4373, 20.0086, 21.7144



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

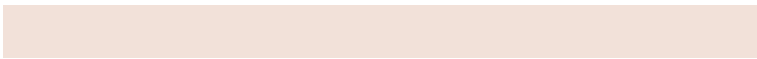
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6177, 73.7801, 79.4165



82.3588, 80.5288, 86.4461



75.9349, 77.4703, 76.6007



15.9019, 15.8105, 17.0399



20.0006, 10.2727, 2.6539



1.6981, 0.8683, 0.4012

Inverse Universe

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



74.6177, 73.7801, 79.4165



82.3588, 80.5288, 86.4461



74.2103, 80.2956, 95.5925



15.9019, 15.8105, 17.0399



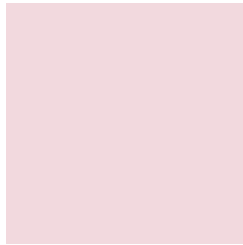
20.0006, 10.2727, 2.6539



1.6981, 0.8683, 0.4012

Previews

White Background



This preview shows how the XYZ color 74.6156, 73.7769, 79.4149 looks on a white background.

Color Contrast Check

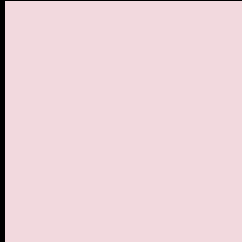
Large Text (above 18pt) WCAG AA × Fail

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 74.6156, 73.7769, 79.4149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

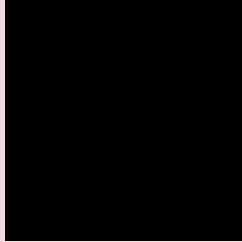
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6156, 73.7769, 79.4149

Background



This preview shows how black text looks on a background with the XYZ color 74.6156, 73.7769, 79.4149.



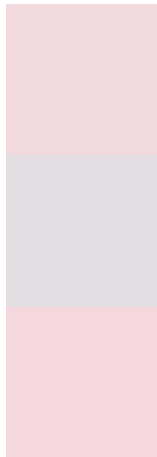
This preview shows how white text looks on a background with the XYZ color 74.6156, 73.7769,

79.4149.

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

74.6156, 73.7769, 79.4149

Protanopia

71.0759, 73.8475, 81.7421

Deuteranopia

75.3969, 73.7981, 79.3779



Tritanopia

75.8281, 73.4818, 86.5308

Trichromacy



Original Color

74.6156, 73.7769, 79.4149

Protanomaly

72.3265, 73.7240, 80.9392

Deuteranomaly

75.0489, 73.6188, 79.3616

Tritanomaly

75.5216, 73.7679, 83.6570

Monochromacy



Original Color

74.6156, 73.7769, 79.4149

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5308, 74.6133, 81.1000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6156, 73.7769, 79.4149 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(242, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.6156, 73.7769, 79.4149 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(242, 217, 222) }
```


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

```
.border{ border-color:rgb(242, 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(242, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6156, 73.7769, 79.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 222) }
```

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

```
.background{ background-color: rgb(242,  
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](#).

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