

Converting Colors

XYZ(79.5436, 79.2198, 92.9861)

Have a look what the booklet for
XYZ(79.5436, 79.2198, 92.9861)
contains.

XYZ(79.4673, 79.1371, 92.7480)	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(79.4673, 79.1371,
92.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E1EF
RGB	243, 225, 239
RGB Percent	95%, 88%, 94%
CMY	0.0471, 0.1176, 0.0627
CMYK	0.00, 0.07, 0.02, 0.05
HSL	313°, 43%, 92%
HSV	313°, 7%, 95%
XYZ	79.4673, 79.1371, 92.7480
YIQ	231.9780, 6.2340, 8.1700

Conversions

Conversions Part 2

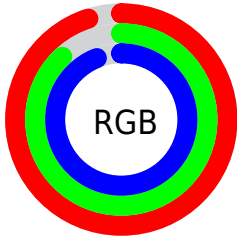
Format	Color
R _Y B	243, 225, 239
Decimal	15983087
CIE Lab	91.30, 8.55, -4.59
CIE LCh	91, 9.707, 331.750
Yxy	79.1371, 0.3162, 0.3148
Android (android.graphics.Color)	4294173167 (0xFF3E1EF)
YUV	231.9780, 3.4618, 9.6663
Hunter-Lab	88.9590, 3.7761, 0.4560

Details

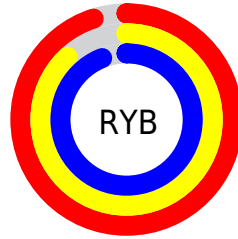
The XYZ color **79.4673, 79.1371, 92.7480** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.2477, 85.7679, 86.6162**, and the grayscale version is **76.6589, 80.6511, 87.8291**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4155, 42.7331, 50.7598** is the 20% darker color. If you saturate the color by 10%, you get **72.5746, 66.6086, 86.5730**, and if you desaturate by 10%, it is **87.3232, 93.5517, 99.3636**.

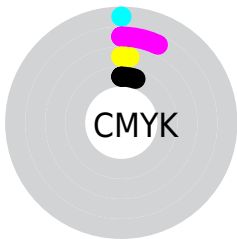
Distribution



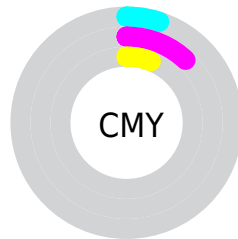
- Red (95%)
- Green (88%)
- Blue (94%)



- Red (95%)
- Yellow (88%)
- Blue (94%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4673, 79.1371, 92.7480 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 79.4673, 79.1371, 92.7480 by changing the saturation by 10% instead.

79.4673, 79.1371,
92.7480

79.4673, 79.1371,
92.7480

481.8997,
492.0200, 557.7291

59.5871, 59.0085,
69.6756

131.5710,
132.1519, 153.1184

43.3341, 42.6200,
50.7869

164.5251,
165.8068, 191.2534

30.3430, 29.5871,
35.6635

202.5680,
204.7394, 235.2463

20.2484, 19.5254,
23.8868

246.0648,
249.3340, 285.5158

12.6851, 12.0505,
15.0382

295.3811,
299.9749, 342.4802

7.2875, 6.7781,
8.6993

350.8821,

3.6905, 3.3237,

357.0467, 406.5582

4.4515

412.9332,
420.9336, 478.1684

■ 1.5286, 1.3030,
1.8761

■ 0.3451, 0.1435,
0.4775

■ 79.4673, 79.1371,
92.7480

■ 79.4673, 79.1371,
92.7480

■ 72.5746, 66.6086,
86.5730

■ 87.3232, 93.5517,
99.3636

■ 66.5989, 55.8774,
80.8194

■ 89.9471, 97.4647,
104.3529

■ 61.5001, 46.8624,
75.4736

■ 90.7726, 97.7949,
108.6998

■ 57.2325, 39.4730,
70.5196

■ 53.7465, 33.6095,
65.9396

■ 50.9865, 29.1617,
61.7140

■ 48.8898, 26.0045,
57.8209

■ 47.3826, 23.9905,
54.2346

■ 46.3683, 22.9267,
50.9218

Harmonies

Analogous

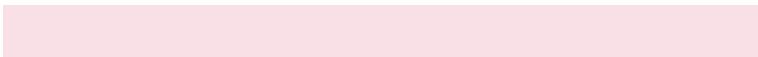
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7374, 79.1371, 98.2239



79.4673, 79.1371, 92.7480



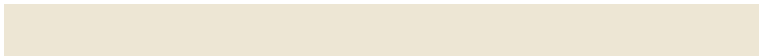
80.0516, 79.1371, 85.7532

Triad

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



79.4673, 79.1371, 92.7480



75.0729, 79.1371, 73.3072



71.2613, 79.1371, 93.5037

Complementary

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



79.4673, 79.1371, 92.7480



77.2477, 85.7679, 86.6162

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.



70.5819, 79.1371, 86.5818



79.4673, 79.1371, 92.7480



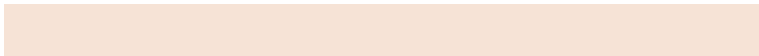
72.7525, 79.1371, 75.1392

Square

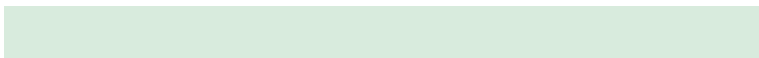
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4673, 79.1371, 92.7480



77.4816, 79.1371, 74.7617



71.1219, 79.1371, 79.9046



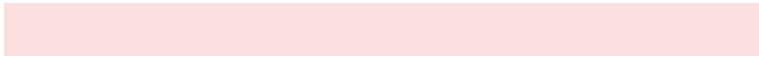
72.9978, 79.1371, 98.6767

Rectangle

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



79.4673, 79.1371, 92.7480



79.7030, 79.1371, 81.2374



71.1219, 79.1371, 79.9046



70.9035, 79.1371, 91.2917

Sweetspot

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



79.4696, 79.1405, 92.7497



93.2625, 96.7163, 107.4065



75.3873, 76.9670, 95.6778



19.9808, 20.7357, 23.0051



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.



79.4696, 79.1405, 92.7497



87.3502, 85.8972, 102.3355



78.1870, 78.6275, 85.9956



17.0468, 16.7016, 19.9927



25.3797, 12.4953, 27.7717



2.2685, 1.1134, 2.6404

Inverse Universe

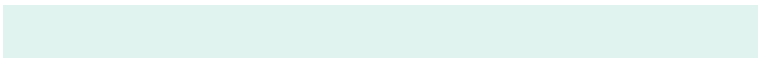
The Inverse Universe completely reimagines the original color for something new.



79.4696, 79.1405, 92.7497



87.3502, 85.8972, 102.3355



78.5224, 86.2778, 93.3286



17.0468, 16.7016, 19.9927



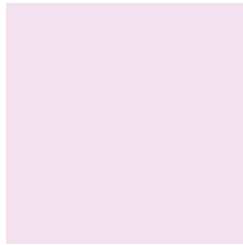
25.3797, 12.4953, 27.7717



2.2685, 1.1134, 2.6404

Previews

White Background



This preview shows how the XYZ color 79.4673, 79.1371, 92.7480 looks on a white background.

Color Contrast Check

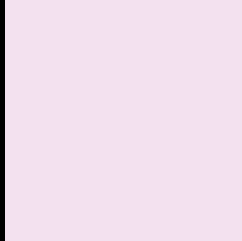
Large Text (above 18pt) WCAG AA × Fail

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 79.4673, 79.1371, 92.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

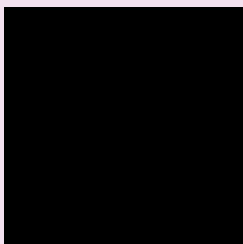
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4673, 79.1371, 92.7480

Background



This preview shows how black text looks on a background with the XYZ color 79.4673, 79.1371, 92.7480.



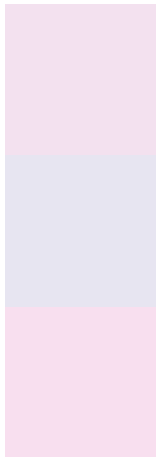
This preview shows how white text looks on a background with the XYZ color 79.4673, 79.1371,

92.7480.

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

79.4673, 79.1371, 92.7480

Protanopia

76.8515, 79.3784, 94.4901

Deuteranopia

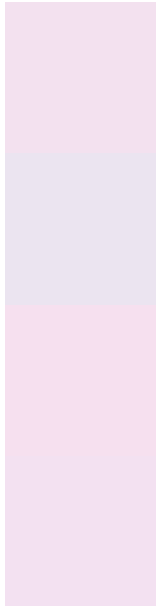
80.6791, 78.9638, 92.6506



Tritanopia

79.9144, 79.3159, 95.1020

Trichromacy



Original Color

79.4673, 79.1371, 92.7480

Protanomaly

77.7325, 79.4402, 93.6746

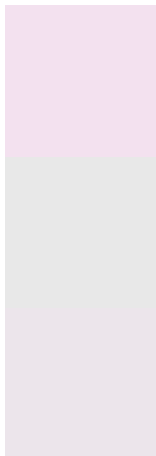
Deuteranomaly

80.2417, 79.1361, 92.7070

Tritanomaly

79.7645, 79.2560, 94.3130

Monochromacy



Original Color

79.4673, 79.1371, 92.7480

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.6068, 79.8696, 89.9233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4673, 79.1371, 92.7480 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(243, 225, 239) looks like.

```
.text, #text, p{  
    color:rgb(243, 225, 239)  
}
```

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(243, 225, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 225, 239) }
```

Border

The CSS property to change the border of an element to XYZ 79.4673, 79.1371, 92.7480 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(243, 225, 239) }
```


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

```
.border{ border-color:rgb(243, 225, 239) }
```

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

Here you see how a box with a 4 pixel rgb(243, 225, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 225, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 225, 239);  
box-shadow:4px 4px 4px 4px rgb(243, 225,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4673, 79.1371, 92.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 225, 239) }
```

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

```
.background{ background-color: rgb(243,  
225, 239) }
```

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