

Converting Colors

XYZ(79.4268, 78.5100, 93.5721)

Have a look what the booklet for
XYZ(79.4268, 78.5100, 93.5721)
contains.

XYZ(79.6921, 78.8357, 93.4547)	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(79.6921, 78.8357,
93.4547)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E0F0
RGB	244, 224, 240
RGB Percent	96%, 88%, 94%
CMY	0.0431, 0.1215, 0.0588
CMYK	0.00, 0.08, 0.02, 0.04
HSL	312°, 48%, 92%
HSV	312°, 8%, 96%
XYZ	79.6921, 78.8357, 93.4547
YIQ	231.8040, 6.7840, 9.2160

Conversions

Conversions Part 2

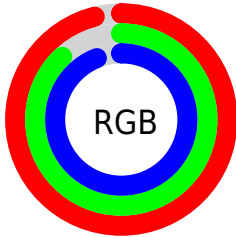
Format	Color
R_{YB}	244, 224, 240
Decimal	16048368
CIE Lab	91.16, 9.58, -5.31
CIE LCh	91, 10.956, 331.008
Yxy	78.8357, 0.3163, 0.3129
Android (android.graphics.Color)	4294238448 (0xFFFF4E0F0)
YUV	231.8040, 4.0406, 10.6959
Hunter-Lab	88.7895, 4.8293, -0.2526

Details

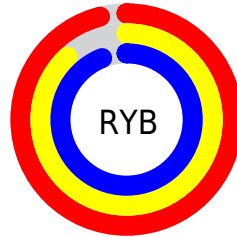
The XYZ color **79.6921, 78.8357, 93.4547** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.0978, 86.1523, 85.9685**, and the grayscale version is **76.5244, 80.5096, 87.6749**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5787, 42.5280, 51.2593** is the 20% darker color. If you saturate the color by 10%, you get **72.8846, 66.3646, 87.6567**, and if you desaturate by 10%, it is **87.4646, 93.2034, 99.6725**.

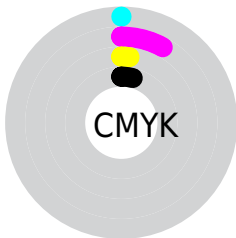
Distribution



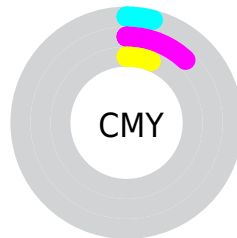
- Red (96%)
- Green (88%)
- Blue (94%)



- Red (96%)
- Yellow (88%)
- Blue (94%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6921, 78.8357, 93.4547 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 79.6921, 78.8357, 93.4547 by changing the saturation by 10% instead.

79.6921, 78.8357,
93.4547

79.6921, 78.8357,
93.4547

482.6469,
491.0003, 560.0634

59.7726, 58.7607,
70.2597

131.8856,
131.7275, 154.1051

43.4841, 42.4205,
51.2602

164.8902,
165.3132, 192.3977

30.4613, 29.4307,
36.0376

202.9873,
204.1712, 236.5598

20.3388, 19.4069,
24.1733

246.5422,
248.6860, 287.0101

12.7513, 11.9647,
15.2488

295.9203,
299.2419, 344.1670

7.3333, 6.7196,
8.8456

351.4869,

3.7196, 3.2874,

356.2233, 408.4492

4.5452

413.6073,
420.0147, 480.2752

■ 1.5447, 1.2835,
1.9290

■ 0.3560, 0.1284,
0.5111

■ 79.6921, 78.8357,
93.4547

■ 79.6921, 78.8357,
93.4547

■ 72.8846, 66.3646,
87.6567

■ 87.4646, 93.2034,
99.6725

■ 66.9953, 55.7000,
82.2594

■ 90.2871, 97.6407,
104.3363

■ 61.9836, 46.7598,
77.2493

■ 91.0616, 97.9505,
108.4152

■ 57.8031, 39.4515,
72.6103

■ 91.1188, 97.9734,
108.7160

■ 54.4031, 33.6741,
68.3247

■ 51.7273, 29.3150,
64.3728

■ 49.7116, 26.2464,
60.7327

■ 48.2804, 24.3174,
57.3783

■ 47.3286, 23.3178,
54.2736

Harmonies

Analogous

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



77.7114, 78.8357, 99.6031



79.6921, 78.8357, 93.4547



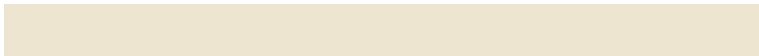
80.3894, 78.8357, 85.5704

Triad

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



79.6921, 78.8357, 93.4547



74.8372, 78.8357, 71.4583



70.4533, 78.8357, 93.9479

Complementary

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



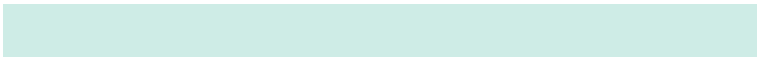
79.6921, 78.8357, 93.4547



77.0978, 86.1523, 85.9685

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.



69.7254, 78.8357, 86.1075



79.6921, 78.8357, 93.4547



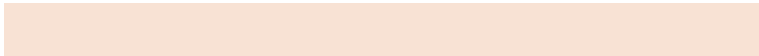
72.2177, 78.8357, 73.4046

Square

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



79.6921, 78.8357, 93.4547



77.5451, 78.8357, 73.1629



70.3633, 78.8357, 78.6481



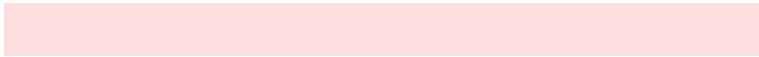
72.3763, 78.8357, 99.8999

Rectangle

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



79.6921, 78.8357, 93.4547



80.0195, 78.8357, 80.4800



70.3633, 78.8357, 78.6481



70.0629, 78.8357, 91.4301

Sweetspot

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



79.6944, 78.8391, 93.4564



93.2807, 96.7235, 107.5020



74.9830, 76.3409, 96.3725



19.9844, 20.7371, 23.0246



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.



79.6944, 78.8391, 93.4564



86.6373, 84.4715, 102.0977



78.2495, 78.2612, 85.8479



17.0632, 16.7081, 20.0795



25.7039, 12.6250, 29.4790



2.2944, 1.1237, 2.7766

Inverse Universe

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



79.6944, 78.8391, 93.4564



86.6373, 84.4715, 102.0977



78.5264, 86.7237, 93.4917



17.0632, 16.7081, 20.0795



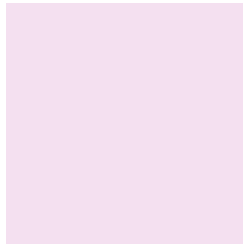
25.7039, 12.6250, 29.4790



2.2944, 1.1237, 2.7766

Previews

White Background



This preview shows how the XYZ color 79.6921, 78.8357, 93.4547 looks on a white background.

Color Contrast Check

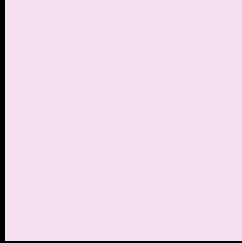
Large Text (above 18pt) WCAG AA × Fail

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 79.6921, 78.8357, 93.4547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

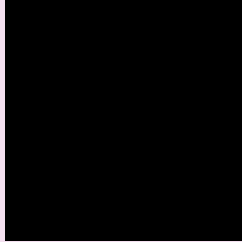
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6921, 78.8357, 93.4547

Background



This preview shows how black text looks on a background with the XYZ color 79.6921, 78.8357, 93.4547.

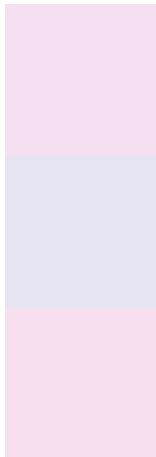


This preview shows how white text looks on a background with the XYZ color 79.6921, 78.8357,

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

79.6921, 78.8357, 93.4547

Protanopia

76.5542, 78.7809, 95.9654

Deuteranopia

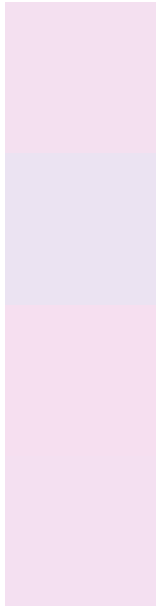
80.4736, 78.8408, 93.4145



Tritanopia

79.8411, 78.8953, 94.2393

Trichromacy



Original Color

79.6921, 78.8357, 93.4547

Protanomaly

77.7570, 79.0111, 95.1568

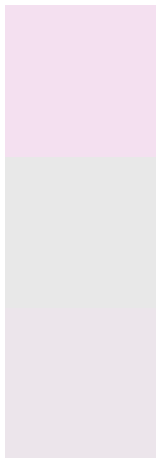
Deuteranomaly

80.1219, 78.6595, 93.3980

Tritanomaly

79.8411, 78.8953, 94.2393

Monochromacy



Original Color

79.6921, 78.8357, 93.4547

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 79.6921, 78.8357, 93.4547 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(244, 224, 240) looks like.

```
.text, #text, p{  
    color:rgb(244, 224, 240)  
}
```

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(244, 224, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 224, 240) }
```

Border

The CSS property to change the border of an element to XYZ 79.6921, 78.8357, 93.4547 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(244, 224, 240) }
```


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

```
.border{ border-color:rgb(244, 224, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 224, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 224, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 224, 240);  
box-shadow:4px 4px 4px 4px rgb(244, 224,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6921, 78.8357, 93.4547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 224, 240) }
```

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

```
.background{ background-color: rgb(244,  
224, 240) }
```

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