

Converting Colors

XYZ(79.7285, 81.4676, 88.5173)

Have a look what the booklet for
XYZ(79.7285, 81.4676, 88.5173)
contains.

XYZ(79.6227, 81.3541, 88.5971)	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(79.6227, 81.3541,
88.5971)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E6E9
RGB	242, 230, 233
RGB Percent	95%, 90%, 91%
CMY	0.0510, 0.0980, 0.0863
CMYK	0.00, 0.05, 0.04, 0.05
HSL	345°, 32%, 93%
HSV	345°, 5%, 95%
XYZ	79.6227, 81.3541, 88.5971
YIQ	233.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

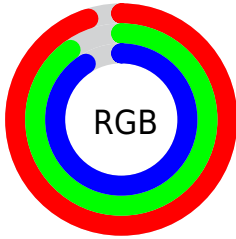
Format	Color
R _Y B	242, 230, 233
Decimal	15918825
CIE Lab	92.29, 4.58, -0.01
CIE LCh	92, 4.579, 359.857
Yxy	81.3541, 0.3190, 0.3260
Android (android.graphics.Color)	4294108905 (0xFFFF2E6E9)
YUV	233.9300, -0.4585, 7.0774
Hunter-Lab	90.1965, -0.2696, 4.8989

Details

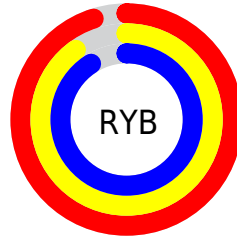
The XYZ color **79.6227, 81.3541, 88.5971** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.9683, 86.5612, 94.1588**, and the grayscale version is **78.1558, 82.2260, 89.5441**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5155, 44.2734, 47.8471** is the 20% darker color. If you saturate the color by 10%, you get **70.8888, 67.8249, 73.5410**, and if you desaturate by 10%, it is **89.5631, 96.8669, 105.3741**.

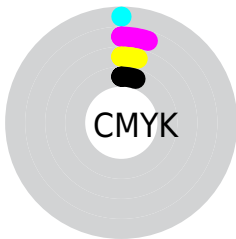
Distribution



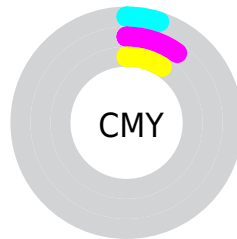
- Red (95%)
- Green (90%)
- Blue (91%)



- Red (95%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.6227, 81.3541, 88.5971 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 79.6227, 81.3541, 88.5971 by changing the saturation by 10% instead.


 79.6227, 81.3541,
88.5971

 79.6227, 81.3541,
88.5971


482.4163,
499.4846, 543.9085

 59.7153, 60.8333,
66.2505


131.7884,
135.2679, 147.3066

 43.4378, 44.0906,
48.0180


164.7775,
169.4296, 184.5066

 30.4248, 30.7418,
33.4811


202.8579,
208.9071, 227.4949

 20.3109, 20.4023,
22.2211

246.3949,
254.0847, 276.6899

 12.7308, 12.6878,
13.8196

295.7539,
305.3469, 332.5102

 7.3192, 7.2139,
7.8580

351.3002,

 3.7106, 3.5962,

363.0780, 395.3744

3.9177

413.3992,
427.6624, 465.7010

■ 1.5397, 1.4504,
1.5803

■ 0.3526, 0.2534,
0.2767

■ 79.6227, 81.3541,
88.5971

■ 79.6227, 81.3541,
88.5971

■ 70.8888, 67.8249,
73.5410

■ 89.5631, 96.8669,
105.3741

■ 63.3080, 56.1890,
60.1453

■ 90.4284, 97.6175,
108.6837

■ 56.8335, 46.3646,
48.3540

■ 51.4121, 38.2601,
38.1055

■ 46.9865, 31.7754,
29.3344

■ 43.4936, 26.8006,
21.9703

■ 40.8627, 23.2116,
15.9368

■ 39.0127, 20.8643,
11.1493

■ 37.8450, 19.5825,
7.5124

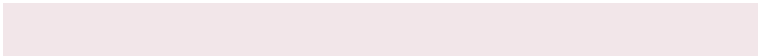
Harmonies

Analogous

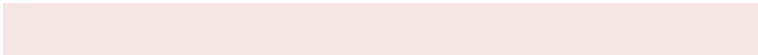
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3093, 81.3541, 91.8941



79.6227, 81.3541, 88.5971



79.3151, 81.3541, 85.3757

Triad

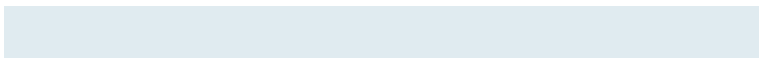
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6227, 81.3541, 88.5971



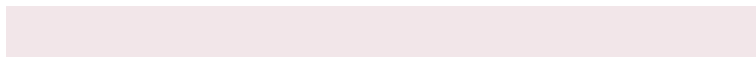
76.1973, 81.3541, 83.0478



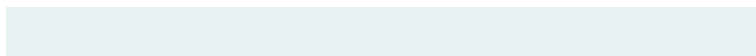
76.1875, 81.3541, 94.3372

Complementary

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



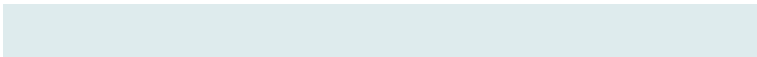
79.6227, 81.3541, 88.5971



79.9683, 86.5612, 94.1588

Split Complementary

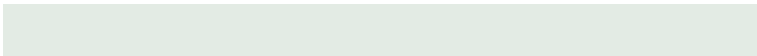
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3677, 81.3541, 91.8651



79.6227, 81.3541, 88.5971



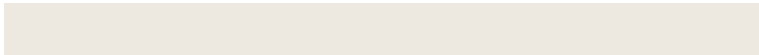
75.3733, 81.3541, 85.3481

Square

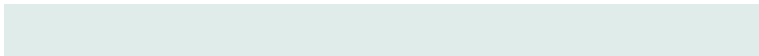
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6227, 81.3541, 88.5971



77.3303, 81.3541, 82.2220



75.0712, 81.3541, 88.5645



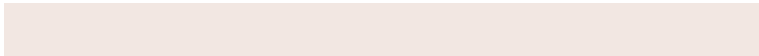
77.3189, 81.3541, 95.2593

Rectangle

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



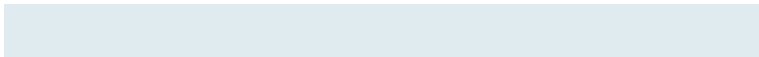
79.6227, 81.3541, 88.5971



78.8011, 81.3541, 83.6915



75.0712, 81.3541, 88.5645



75.8668, 81.3541, 93.6569

Sweetspot

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



79.6250, 81.3576, 88.5989



93.9354, 98.2612, 107.0164



79.9230, 81.3589, 95.4968



20.1178, 21.0503, 22.9258



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.



79.6250, 81.3576, 88.5989



88.5683, 89.9063, 97.8927



80.0423, 82.8714, 86.6443



16.4718, 16.6568, 18.1342



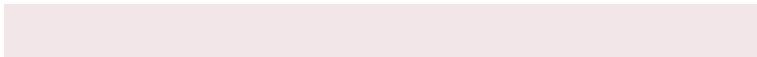
20.1617, 10.3371, 3.5021



1.7158, 0.8754, 0.4944

Inverse Universe

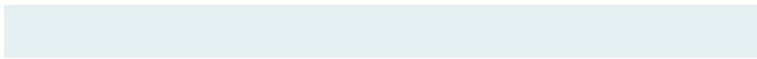
The Inverse Universe completely reimagines the original color for something new.



79.6250, 81.3576, 88.5989



88.5683, 89.9063, 97.8927



79.5294, 84.9692, 96.2144



16.4718, 16.6568, 18.1342



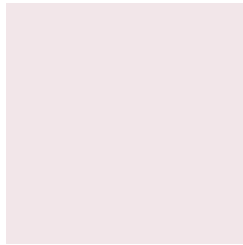
20.1617, 10.3371, 3.5021



1.7158, 0.8754, 0.4944

Previews

White Background



This preview shows how the XYZ color 79.6227, 81.3541, 88.5971 looks on a white background.

Color Contrast Check

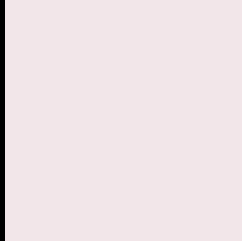
Large Text (above 18pt) WCAG AA × Fail

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 79.6227, 81.3541, 88.5971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

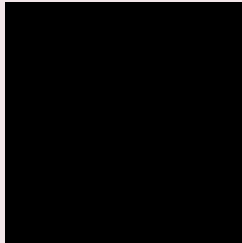
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

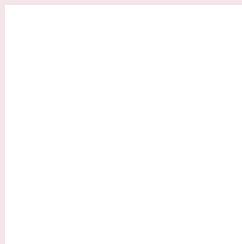
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6227, 81.3541, 88.5971

Background



This preview shows how black text looks on a background with the XYZ color 79.6227, 81.3541, 88.5971.



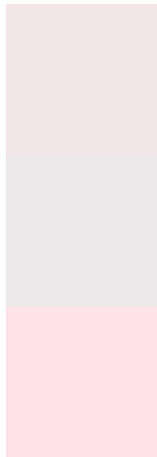
This preview shows how white text looks on a background with the XYZ color 79.6227, 81.3541,

88.5971.

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

79.6227, 81.3541, 88.5971

Protanopia

78.6329, 81.6583, 89.4591

Deuteranopia

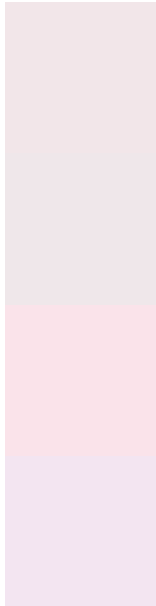
83.0165, 81.0509, 89.1109



Tritanopia

81.6862, 81.3737, 98.5902

Trichromacy



Original Color

79.6227, 81.3541, 88.5971

Protanomaly

79.0238, 81.4431, 89.3970

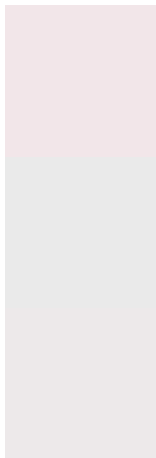
Deuteranomaly

81.7447, 81.2027, 89.2072

Tritanomaly

80.8586, 81.4442, 94.6777

Monochromacy



Original Color

79.6227, 81.3541, 88.5971

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9152, 82.2229, 89.5532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6227, 81.3541, 88.5971 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, 230, 233) looks like.

```
.text, #text, p{  
    color:rgb(242, 230, 233)  
}
```

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, 230, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 230, 233) }
```

Border

The CSS property to change the border of an element to XYZ 79.6227, 81.3541, 88.5971 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, 230, 233) }
```


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

```
.border{ border-color:rgb(242, 230, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 230, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 230, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 230, 233);  
box-shadow:4px 4px 4px 4px rgb(242, 230,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6227, 81.3541, 88.5971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 230, 233) }
```

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

```
.background{ background-color: rgb(242,  
230, 233) }
```

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