

Converting Colors

XYZ(79.1441, 81.7430, 84.1674)

Have a look what the booklet for
XYZ(79.1441, 81.7430, 84.1674)
contains.

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Color

**XYZ(79.0590, 81.5751,
84.2518)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E7E3
RGB	242, 231, 227
RGB Percent	95%, 91%, 89%
CMY	0.0510, 0.0941, 0.1098
CMYK	0.00, 0.05, 0.06, 0.05
HSL	16°, 37%, 92%
HSV	16°, 6%, 95%
XYZ	79.0590, 81.5751, 84.2518
YIQ	233.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

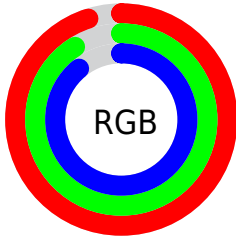
Format	Color
R _Y B	242, 232, 227
Decimal	15919075
CIE Lab	92.39, 3.04, 3.26
CIE LCh	92, 4.460, 46.995
Yxy	81.5751, 0.3228, 0.3331
Android (android.graphics.Color)	4294109155 (0xFFFF2E7E3)
YUV	233.8330, -3.3687, 7.1625
Hunter-Lab	90.3189, -1.8115, 7.9160

Details

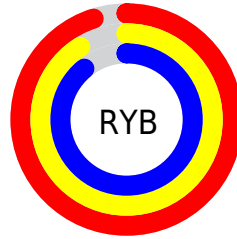
The XYZ color **79.0590, 81.5751, 84.2518** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.2800, 83.8895, 96.0719**, and the grayscale version is **78.1029, 82.1703, 89.4835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0261, 44.0776, 45.2698** is the 20% darker color. If you saturate the color by 10%, you get **71.2354, 70.9021, 66.3070**, and if you desaturate by 10%, it is **87.8600, 93.4496, 104.8405**.

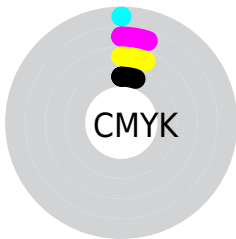
Distribution



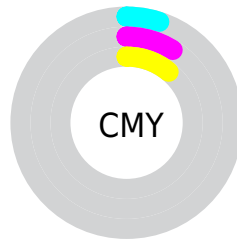
- Red (95%)
- Green (91%)
- Blue (89%)



- Red (95%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0590, 81.5751, 84.2518 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 79.0590, 81.5751, 84.2518 by changing the saturation by 10% instead.


 79.0590, 81.5751,
84.2518

 79.0590, 81.5751,
84.2518

480.5409,
500.2253, 529.2289

 59.2501, 61.0154,
62.6768


130.9994,
135.5780, 141.1922

 43.0616, 44.2376,
45.1404


163.8616,
169.7899, 177.3947

 30.1282, 30.8573,
31.2243

201.8057,
209.3214, 219.3100

 20.0845, 20.4902,
20.5098

245.1970,
254.5568, 267.3568

 12.5651, 12.7519,
12.5784

294.4007,
305.8804, 321.9535

 7.2047, 7.2579,
7.0116

349.7824,

 3.6379, 3.6239,

363.6768, 383.5188

3.3908

411.7073,
428.3303, 452.4710

■ 1.4994, 1.4655,
1.2975

■ 0.3254, 0.2643,
0.0597

■ 79.0590, 81.5751,
84.2518

■ 79.0590, 81.5751,
84.2518

■ 71.2354, 70.9021,
66.3070

■ 87.8600, 93.4496,
104.8405

■ 64.3479, 61.3822,
50.8932

■ 90.4284, 97.6175,
108.6837

■ 58.3624, 52.9794,
37.8974

■ 53.2398, 45.6519,
27.1956

■ 48.9384, 39.3551,
18.6529

■ 45.4125, 34.0410,
12.1201

■ 42.6115, 29.6579,
7.4286

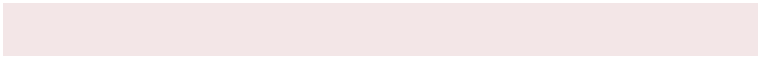
■ 40.4780, 26.1484,
4.3822

■ 38.9440, 23.4481,
2.7376

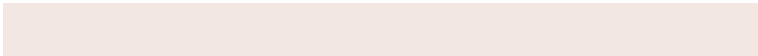
Harmonies

Analogous

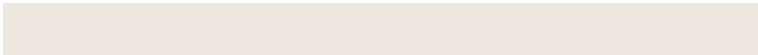
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6775, 81.5751, 86.9757



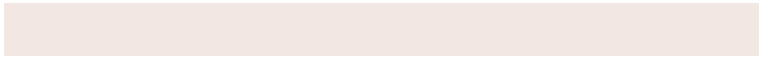
79.0590, 81.5751, 84.2518



78.0354, 81.5751, 82.7685

Triad

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



79.0590, 81.5751, 84.2518



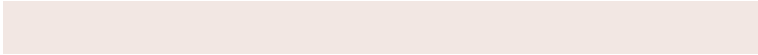
75.3913, 81.5751, 87.3981



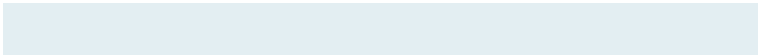
78.1855, 81.5751, 95.0426

Complementary

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



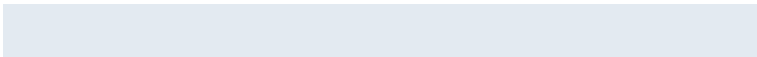
79.0590, 81.5751, 84.2518



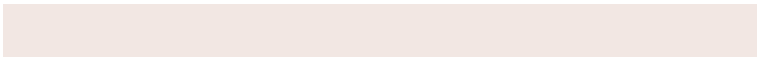
78.2800, 83.8895, 96.0719

Split Complementary

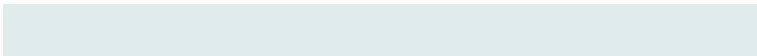
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0361, 81.5751, 95.1625



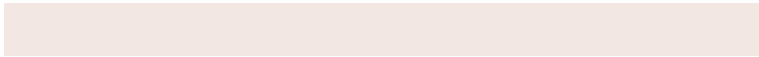
79.0590, 81.5751, 84.2518



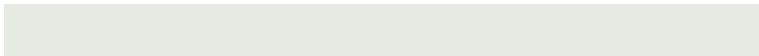
75.4306, 81.5751, 90.6931

Square

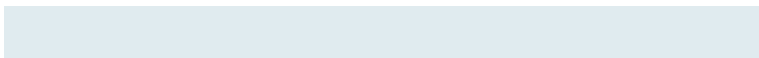
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0590, 81.5751, 84.2518



75.9222, 81.5751, 84.5544



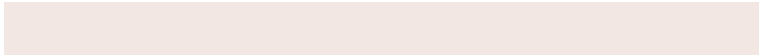
76.0301, 81.5751, 93.5533



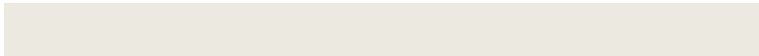
79.1698, 81.5751, 93.2296

Rectangle

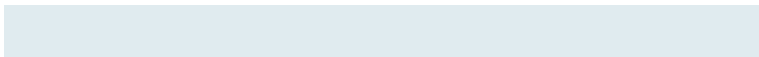
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0590, 81.5751, 84.2518



77.2646, 81.5751, 82.6581



76.0301, 81.5751, 93.5533



77.8054, 81.5751, 95.2838

Sweetspot

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



79.0613, 81.5787, 84.2536



93.0585, 97.3137, 104.2390



79.5208, 79.9897, 92.1384



19.9393, 20.8573, 22.3603



0.0000, 0.0000, 0.0000



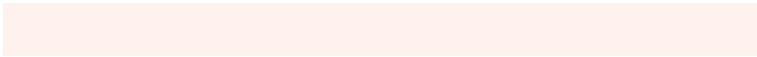
20.3446, 21.4041, 23.3091

Same Dimension

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



79.0613, 81.5787, 84.2536



88.2748, 90.8368, 93.1164



81.2045, 85.8651, 84.9680



16.4389, 16.8843, 17.2193



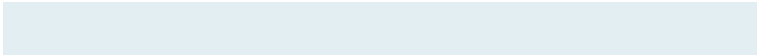
20.7702, 12.3385, 1.2869



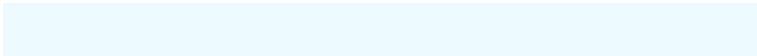
1.8070, 1.1846, 0.1334

Inverse Universe

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



78.2800, 83.8895, 96.0719



87.2839, 93.7678, 108.1064



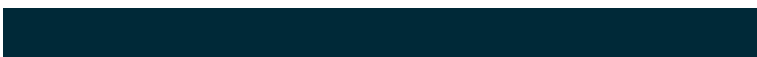
76.1429, 79.6153, 95.3596



16.2393, 17.4747, 20.2386



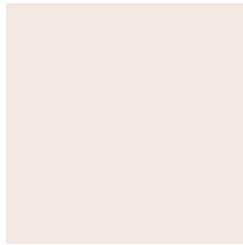
17.2166, 20.6575, 48.2078



1.5135, 1.8810, 4.0375

Previews

White Background



This preview shows how the XYZ color 79.0590, 81.5751, 84.2518 looks on a white background.

Color Contrast Check

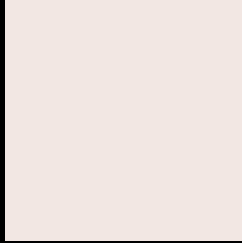
Large Text (above 18pt) WCAG AA × Fail

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 79.0590, 81.5751, 84.2518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

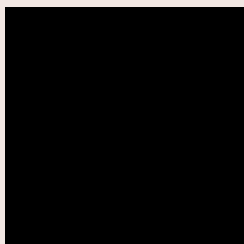
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

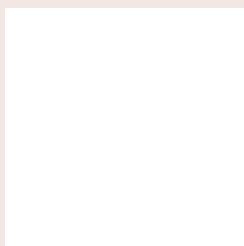
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0590, 81.5751, 84.2518

Background



This preview shows how black text looks on a background with the XYZ color 79.0590, 81.5751, 84.2518.

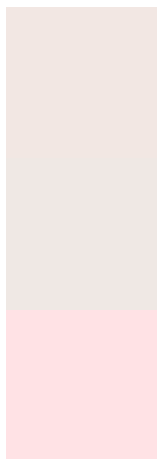


This preview shows how white text looks on a background with the XYZ color 79.0590, 81.5751,

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

79.0590, 81.5751, 84.2518

Protanopia

78.4568, 81.6654, 85.0267

Deuteranopia

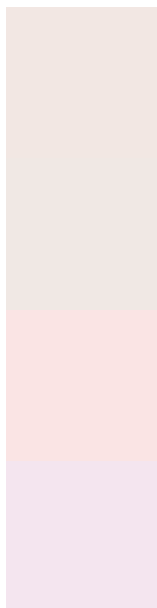
82.5792, 81.3099, 85.4707



Tritanopia

82.0341, 81.5531, 98.6064

Trichromacy



Original Color

79.0590, 81.5751, 84.2518

Protanomaly

78.7954, 81.8399, 85.0425

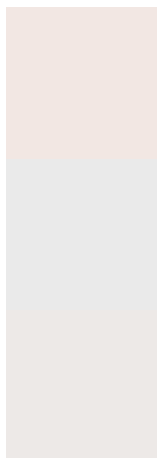
Deuteranomaly

81.1713, 81.4122, 84.8347

Tritanomaly

80.9075, 81.5037, 93.1289

Monochromacy



Original Color

79.0590, 81.5751, 84.2518

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.4878, 82.0519, 87.3022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0590, 81.5751, 84.2518 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, 231, 227) looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 227)  
}
```

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, 231, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 227) }
```

Border

The CSS property to change the border of an element to XYZ 79.0590, 81.5751, 84.2518 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, 231, 227) }
```


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

```
.border{ border-color:rgb(242, 231, 227) }
```

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

Here you see how a box with a 4 pixel rgb(242, 231, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 227);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0590, 81.5751, 84.2518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 231, 227) }
```

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

```
.background{ background-color: rgb(242,  
231, 227) }
```

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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