

Converting Colors

XYZ(78.1342, 81.2404, 79.2744)

Have a look what the booklet for
XYZ(78.1342, 81.2404, 79.2744)
contains.

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Color

**XYZ(78.1121, 81.1964,
79.2657)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E7DC
RGB	242, 231, 220
RGB Percent	95%, 91%, 86%
CMY	0.0510, 0.0941, 0.1372
CMYK	0.00, 0.05, 0.09, 0.05
HSL	30°, 46%, 91%
HSV	30°, 9%, 95%
XYZ	78.1121, 81.1964, 79.2657
YIQ	233.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

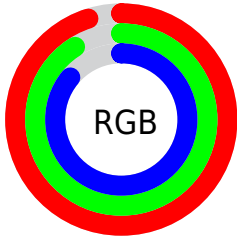
Format	Color
R_{YB}	242, 242, 220
Decimal	15919068
CIE Lab	92.22, 1.88, 6.67
CIE LCh	92, 6.928, 74.246
Yxy	81.1964, 0.3274, 0.3403
Android (android.graphics.Color)	4294109148 (0xFFF2E7DC)
YUV	233.0350, -6.4263, 7.8623
Hunter-Lab	90.1090, -2.9560, 10.9210

Details

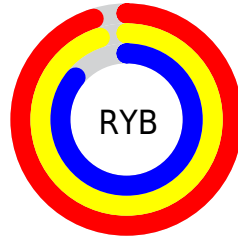
The XYZ color **78.1121, 81.1964, 79.2657** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.1179, 78.7768, 95.3041**, and the grayscale version is **77.5219, 81.5591, 88.8178**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3712, 43.8157, 41.8214** is the 20% darker color. If you saturate the color by 10%, you get **71.8678, 73.4705, 62.4996**, and if you desaturate by 10%, it is **85.0589, 89.5829, 98.5569**.

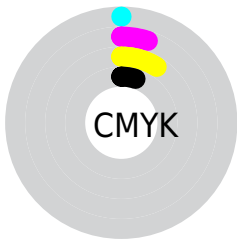
Distribution



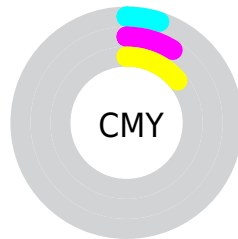
- Red (95%)
- Green (91%)
- Blue (86%)



- Red (95%)
- Yellow (95%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (5%)





- Cyan (5%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1121, 81.1964, 79.2657 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 78.1121, 81.1964, 79.2657 by changing the saturation by 10% instead.


 78.1121, 81.1964,
79.2657

 78.1121, 81.1964,
79.2657


477.3814,
498.9557, 512.0961

 58.4692, 60.7034,
58.5917

129.6727,
135.0465, 134.1349

 42.4307, 43.9858,
41.8667


162.3210,
169.1724, 169.1672

 29.6312, 30.6594,
28.6721


200.0352,
208.6113, 209.8226

 19.7055, 20.3396,
18.5895

243.1806,
253.7477, 256.5197

 12.2882, 12.6421,
11.2002

292.1226,
304.9659, 309.6771

 7.0139, 7.1826,
6.0858

347.2265,

 3.5172, 3.5766,

362.6504, 369.7133

2.8277

408.8576,
427.1855, 437.0467

■ 1.4328, 1.4396,
1.0073

■ 0.2794, 0.2457,
0.0000

■ 78.1121, 81.1964,
79.2657

■ 78.1121, 81.1964,
79.2657

■ 71.8678, 73.4705,
62.4996

■ 85.0589, 89.5829,
98.5569

■ 66.2947, 66.3772,
48.1474

■ 90.4283, 97.6174,
108.6837

■ 61.3689, 59.9019,
36.0970

■ 57.0625, 54.0254,
26.2255

■ 53.3449, 48.7272,
18.3984

■ 50.1828, 43.9854,
12.4661

■ 47.5386, 39.7760,
8.2580

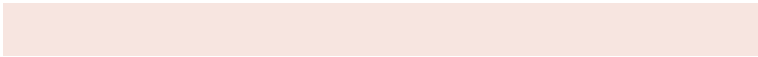
■ 45.3684, 36.0721,
5.5724

■ 43.6084, 32.8384,
4.1032

Harmonies

Analogous

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



79.6643, 81.1964, 81.7142



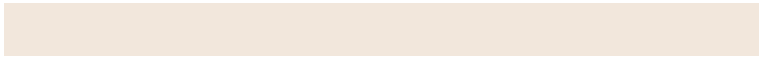
78.1121, 81.1964, 79.2657



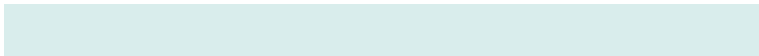
76.3316, 81.1964, 79.2034

Triad

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



78.1121, 81.1964, 79.2657



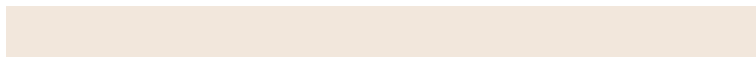
73.8896, 81.1964, 90.8548



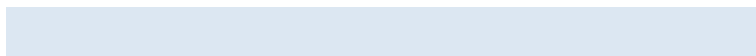
79.5990, 81.1964, 95.6529

Complementary

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



78.1121, 81.1964, 79.2657



74.1179, 78.7768, 95.3041

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.



78.0241, 81.1964, 98.3018



78.1121, 81.1964, 79.2657



74.7376, 81.1964, 95.4600

Square

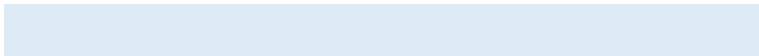
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1121, 81.1964, 79.2657



73.9124, 81.1964, 85.7622



76.2449, 81.1964, 98.2299



80.5317, 81.1964, 91.1098

Rectangle

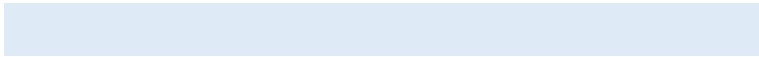
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1121, 81.1964, 79.2657



75.2558, 81.1964, 80.5158



76.2449, 81.1964, 98.2299



79.1261, 81.1964, 96.8021

Sweetspot

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



78.1143, 81.2000, 79.2674



92.6350, 97.1018, 102.1393



76.6359, 75.8343, 86.2006



19.6922, 20.6204, 21.4848



0.0000, 0.0000, 0.0000



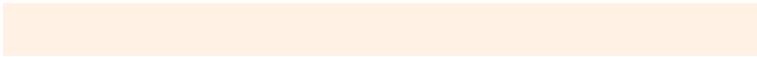
20.3446, 21.4041, 23.3091

Same Dimension

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



78.1143, 81.2000, 79.2674



86.5479, 89.7026, 85.3896



81.2892, 87.5496, 80.3257



16.4261, 17.0653, 16.5779



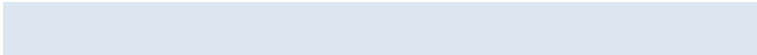
23.4846, 17.7673, 2.1917



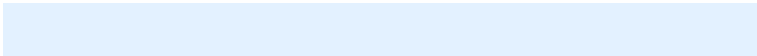
2.0532, 1.6771, 0.2155

Inverse Universe

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



74.1179, 78.7768, 95.3041



81.1589, 86.4351, 107.0138



71.1365, 72.8141, 94.3104



15.5500, 16.5341, 20.0934



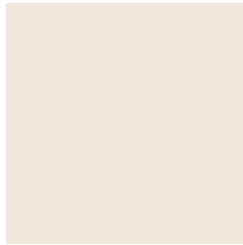
12.4164, 11.0570, 46.6077



1.1324, 1.1188, 3.9105

Previews

White Background



This preview shows how the XYZ color 78.1121, 81.1964, 79.2657 looks on a white background.

Color Contrast Check

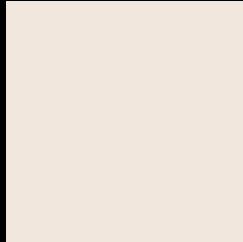
Large Text (above 18pt) WCAG AA × Fail

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 78.1121, 81.1964, 79.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

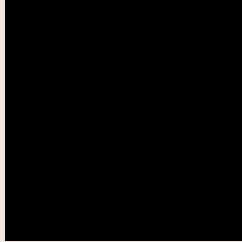
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

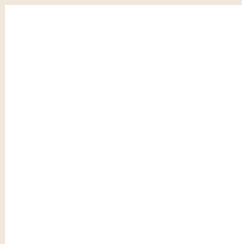
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.1121, 81.1964, 79.2657

Background



This preview shows how black text looks on a background with the XYZ color 78.1121, 81.1964, 79.2657.



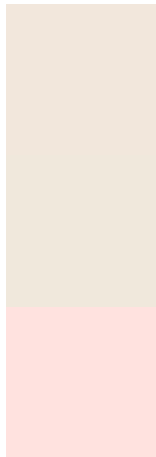
This preview shows how white text looks on a background with the XYZ color 78.1121, 81.1964,

79.2657.

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

78.1121, 81.1964, 79.2657

Protanopia

77.7101, 81.4058, 79.3273

Deuteranopia

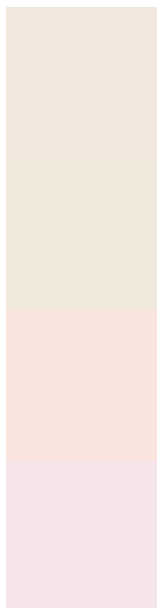
81.7556, 80.9804, 81.1338



Tritanopia

81.9566, 81.1236, 97.7250

Trichromacy



Original Color

78.1121, 81.1964, 79.2657

Protanomaly

78.0505, 81.5813, 79.3432

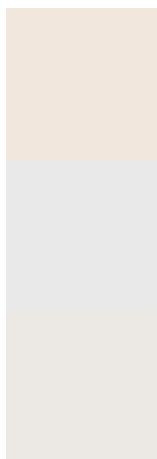
Deuteranomaly

80.3526, 81.0847, 80.5231

Tritanomaly

80.5399, 80.9554, 90.7379

Monochromacy



Original Color

78.1121, 81.1964, 79.2657

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.4523, 81.1475, 84.9797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1121, 81.1964, 79.2657 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 220) }
```

Border

The CSS property to change the border of an element to XYZ 78.1121, 81.1964, 79.2657 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, 220) }
```


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

```
.border{ border-color:rgb(242, 231, 220) }
```

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, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 220);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1121, 81.1964, 79.2657 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, 220) }
```

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

```
.background{ background-color: rgb(242,  
231, 220) }
```

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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