

Converting Colors

XYZ(77.9793, 80.5054, 81.9940)

Have a look what the booklet for
XYZ(77.9793, 80.5054, 81.9940)
contains.

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Color

**XYZ(78.0270, 80.6762,
81.9806)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E6E0
RGB	241, 230, 224
RGB Percent	95%, 90%, 88%
CMY	0.0549, 0.0980, 0.1216
CMYK	0.00, 0.05, 0.07, 0.05
HSL	21°, 38%, 91%
HSV	21°, 7%, 95%
XYZ	78.0270, 80.6762, 81.9806
YIQ	232.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

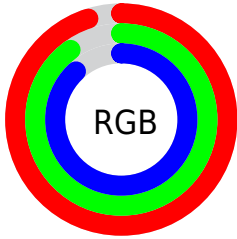
Format	Color
R _Y B	241, 233, 224
Decimal	15853280
CIE Lab	91.99, 2.71, 4.24
CIE LCh	92, 5.029, 57.408
Yxy	80.6762, 0.3242, 0.3352
Android (android.graphics.Color)	4294043360 (0xFFFF1E6E0)
YUV	232.6050, -4.2423, 7.3624
Hunter-Lab	89.8199, -2.1211, 8.7587

Details

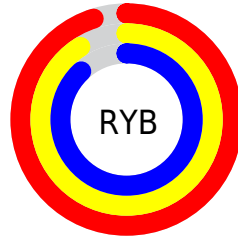
The XYZ color **78.0270, 80.6762, 81.9806** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.3259, 81.6136, 94.9503**, and the grayscale version is **77.1835, 81.2031, 88.4301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4990, 43.8388, 43.7579** is the 20% darker color. If you saturate the color by 10%, you get **70.8423, 71.1713, 64.5869**, and if you desaturate by 10%, it is **86.0675, 91.1494, 101.9471**.

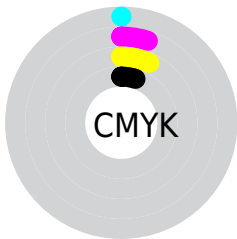
Distribution



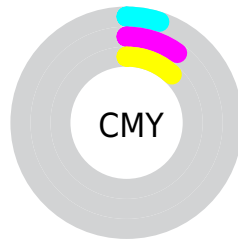
- Red (95%)
- Green (90%)
- Blue (88%)



- Red (95%)
- Yellow (91%)
- Blue (88%)



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



- Cyan (5%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.0270, 80.6762, 81.9806 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 78.0270, 80.6762, 81.9806 by changing the saturation by 10% instead.

78.0270, 80.6762,
81.9806

78.0270, 80.6762,
81.9806

477.0969,
497.2088, 521.4645

58.3990, 60.2750,
60.8138

129.5533,
134.3160, 137.9832

42.3740, 43.6403,
43.6454

162.1824,
168.3234, 173.6562

29.5867, 30.3878,
30.0567

199.8759,
207.6349, 215.0016

19.6716, 20.1331,
19.6292

242.9992,
252.6350, 262.4380

12.2634, 12.4919,
11.9444

291.9175,
303.7080, 316.3840

6.9968, 7.0796,
6.5837

346.9964,

3.5064, 3.5119,

361.2384, 377.2580

3.1287

408.6011,
425.6105, 445.4787

■ 1.4269, 1.4045,
1.1607

■ 0.2753, 0.2200,
0.0000

■ 78.0270, 80.6762,
81.9806

■ 78.0270, 80.6762,
81.9806

■ 70.8423, 71.1713,
64.5869

■ 86.0675, 91.1494,
101.9471

■ 64.4771, 62.5960,
49.6553

■ 90.0861, 97.4410,
108.6677

■ 58.9024, 54.9247,
37.0747

■ 54.0848, 48.1263,
26.7234

■ 49.9882, 42.1678,
18.4687

■ 46.5734, 37.0142,
12.1636

■ 43.7967, 32.6273,
7.6417

■ 41.6082, 28.9653,
4.7081

■ 39.9469, 25.9803,
3.1132

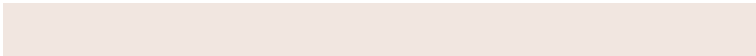
Harmonies

Analogous

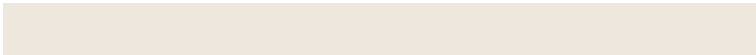
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9081, 80.6762, 84.6065



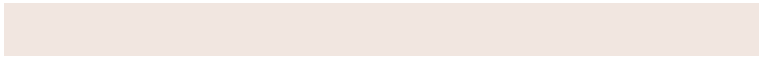
78.0270, 80.6762, 81.9806



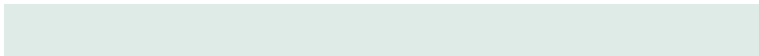
76.7928, 80.6762, 80.9216

Triad

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



78.0270, 80.6762, 81.9806



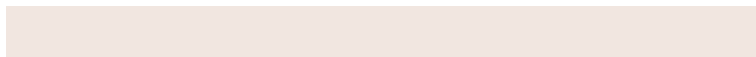
74.2240, 80.6762, 87.5211



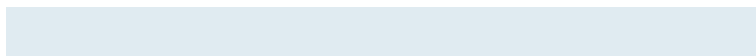
77.8302, 80.6762, 94.3149

Complementary

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



78.0270, 80.6762, 81.9806



76.3259, 81.6136, 94.9503

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.



76.5679, 80.6762, 95.1475



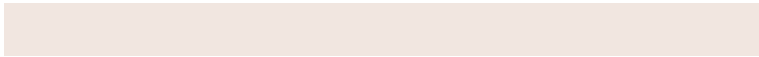
78.0270, 80.6762, 81.9806



74.4948, 80.6762, 91.1604

Square

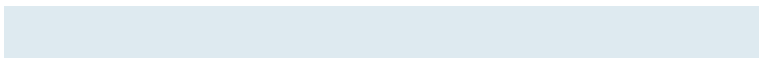
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0270, 80.6762, 81.9806



74.6052, 80.6762, 84.0637



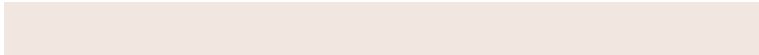
75.3492, 80.6762, 93.9777



78.7936, 80.6762, 91.7332

Rectangle

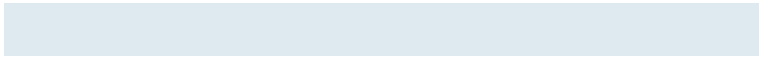
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.0270, 80.6762, 81.9806



75.9391, 80.6762, 81.2237



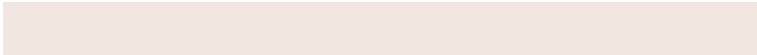
75.3492, 80.6762, 93.9777



77.4263, 80.6762, 94.8118

Sweetspot

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



78.0292, 80.6797, 81.9823



93.1963, 97.5892, 104.2849



77.9350, 78.0143, 89.5869



19.9673, 20.9134, 22.3696



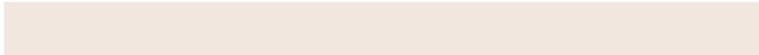
0.0000, 0.0000, 0.0000



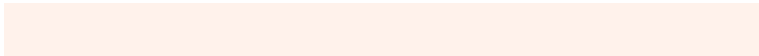
20.3446, 21.4041, 23.3091

Same Dimension

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



78.0292, 80.6797, 81.9823



87.8718, 90.6233, 91.1553



80.4370, 85.4951, 82.7849



16.2295, 16.6722, 16.5124



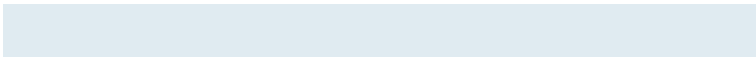
21.5529, 13.9039, 1.5478



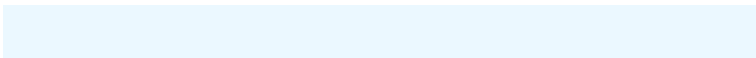
1.8834, 1.3374, 0.1589

Inverse Universe

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



76.3259, 81.6136, 94.9503



85.6834, 91.8229, 107.8153



73.9650, 76.8917, 94.1633



15.7503, 16.9348, 20.1602



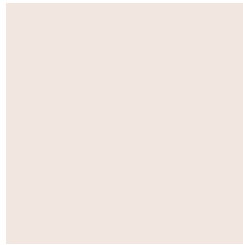
15.1775, 16.5792, 47.5280



1.3558, 1.5656, 3.9850

Previews

White Background



This preview shows how the XYZ color 78.0270, 80.6762, 81.9806 looks on a white background.

Color Contrast Check

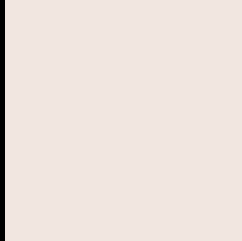
Large Text (above 18pt) WCAG AA × Fail

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 78.0270, 80.6762, 81.9806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

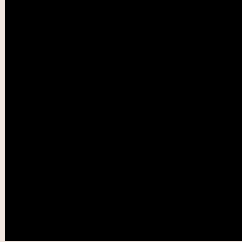
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

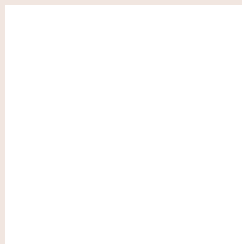
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.0270, 80.6762, 81.9806

Background



This preview shows how black text looks on a background with the XYZ color 78.0270, 80.6762, 81.9806.



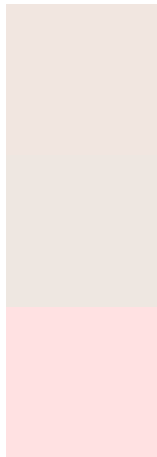
This preview shows how white text looks on a background with the XYZ color 78.0270, 80.6762,

81.9806.

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

78.0270, 80.6762, 81.9806

Protanopia

77.4264, 80.7652, 82.7426

Deuteranopia

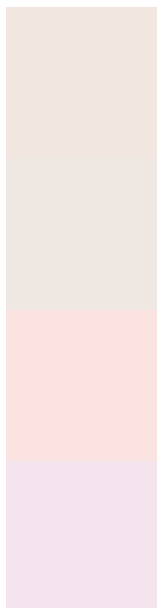
81.8927, 80.6014, 83.1929



Tritanopia

81.2587, 80.7638, 97.6924

Trichromacy



Original Color

78.0270, 80.6762, 81.9806

Protanomaly

77.7631, 80.9388, 82.7584

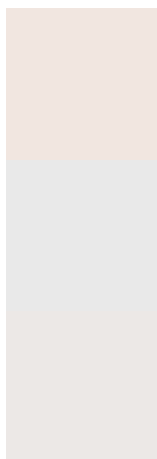
Deuteranomaly

80.4840, 80.6984, 82.5685

Tritanomaly

79.9916, 80.6559, 91.4729

Monochromacy



Original Color

78.0270, 80.6762, 81.9806

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.7316, 81.2593, 86.4506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0270, 80.6762, 81.9806 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(241, 230, 224) looks like.

```
.text, #text, p{  
    color:rgb(241, 230, 224)  
}
```

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(241, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 230, 224) }
```

Border

The CSS property to change the border of an element to XYZ 78.0270, 80.6762, 81.9806 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(241, 230, 224) }
```


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

```
.border{ border-color:rgb(241, 230, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 230, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(241, 230,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0270, 80.6762, 81.9806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 230, 224) }
```

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

```
.background{ background-color: rgb(241,  
230, 224) }
```

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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