

Converting Colors

XYZ(77.8940, 78.7275, 80.7398)

Have a look what the booklet for
XYZ(77.8940, 78.7275, 80.7398)
contains.

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Color

**XYZ(77.9007, 78.5906,
80.8757)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E1DF
RGB	245, 225, 223
RGB Percent	96%, 88%, 87%
CMY	0.0392, 0.1176, 0.1255
CMYK	0.00, 0.08, 0.09, 0.04
HSL	5°, 52%, 92%
HSV	5°, 9%, 96%
XYZ	77.9007, 78.5906, 80.8757
YIQ	230.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

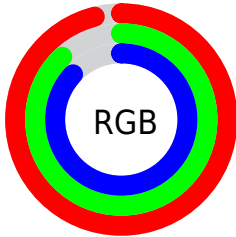
Format	Color
R _Y B	245, 225, 223
Decimal	16114143
CIE Lab	91.05, 6.50, 3.44
CIE LCh	91, 7.356, 27.881
Yxy	78.5906, 0.3282, 0.3311
Android (android.graphics.Color)	4294304223 (0xFF5E1DF)
YUV	230.7520, -3.8217, 12.4955
Hunter-Lab	88.6513, 1.7137, 7.9663

Details

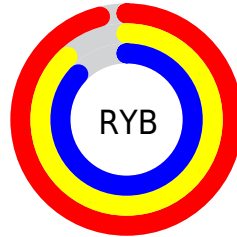
The XYZ color **77.9007, 78.5906, 80.8757** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.9632, 86.3803, 98.8984**, and the grayscale version is **75.7941, 79.7413, 86.8383**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4289, 42.3954, 42.9927** is the 20% darker color. If you saturate the color by 10%, you get **69.2017, 66.1012, 62.8413**, and if you desaturate by 10%, it is **87.8672, 92.8483, 101.6925**.

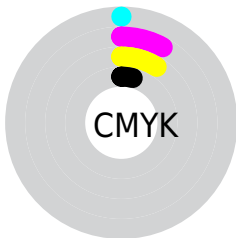
Distribution



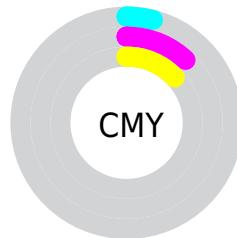
- Red (96%)
- Green (88%)
- Blue (87%)



- Red (96%)
- Yellow (88%)
- Blue (87%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9007, 78.5906, 80.8757 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 77.9007, 78.5906, 80.8757 by changing the saturation by 10% instead.

77.9007, 78.5906,
80.8757

77.9007, 78.5906,
80.8757

476.6745,
490.1703, 517.6635

58.2949, 58.5593,
59.9088

129.3762,
131.3824, 136.4187

42.2900, 42.2584,
42.9203

161.9767,
164.9116, 171.8320

29.5205, 29.3037,
29.4917

199.6394,
203.7088, 212.8977

19.6212, 19.3107,
19.2043

242.7298,
248.1586, 260.0346

12.2266, 11.8950,
11.6397

291.6131,
298.6452, 313.6610

6.9715, 6.6722,
6.3793

346.6548,

3.4905, 3.2580,

355.5531, 374.1956

3.0046

408.2201,
419.2667, 442.0570

■ 1.4181, 1.2678,
1.0970

■ 0.2691, 0.1161,
0.0000

■ 77.9007, 78.5906,
80.8757

■ 77.9007, 78.5906,
80.8757

■ 69.2017, 66.1012,
62.8413

■ 87.8672, 92.8483,
101.6925

■ 61.7130, 55.3012,
47.4666

■ 91.4666, 98.1527,
108.7323

■ 55.3828, 46.1212,
34.6273

■ 50.1531, 38.4830,
24.1870

■ 45.9608, 32.3018,
15.9966

■ 42.7363, 27.4848,
9.8903

■ 40.4013, 23.9283,
5.6794

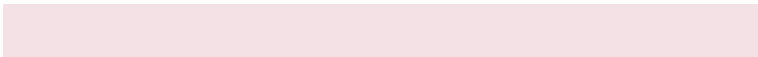
■ 38.8654, 21.5138,
3.1411

■ 38.0093, 20.0962,
1.9474

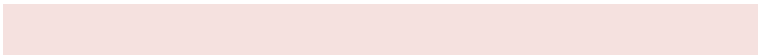
Harmonies

Analogous

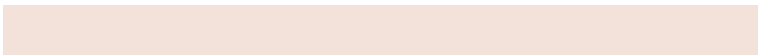
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3254, 78.5906, 85.9508



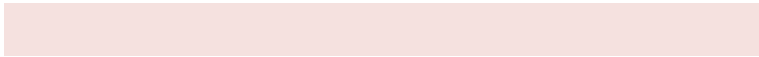
77.9007, 78.5906, 80.8757



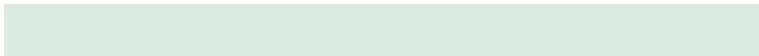
76.6137, 78.5906, 77.1952

Triad

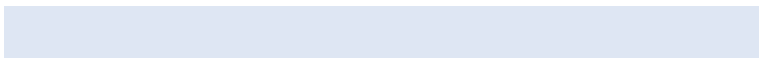
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.9007, 78.5906, 80.8757



71.7128, 78.5906, 80.2461



74.5660, 78.5906, 96.2094

Complementary

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



77.9007, 78.5906, 80.8757



78.9632, 86.3803, 98.8984

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.



72.8145, 78.5906, 94.5334



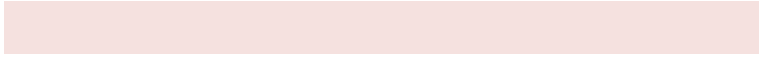
77.9007, 78.5906, 80.8757



71.1844, 78.5906, 85.1939

Square

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



77.9007, 78.5906, 80.8757



73.0397, 78.5906, 76.8425



71.5843, 78.5906, 90.4463



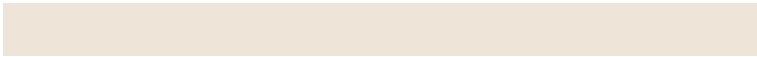
76.3812, 78.5906, 94.9384

Rectangle

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



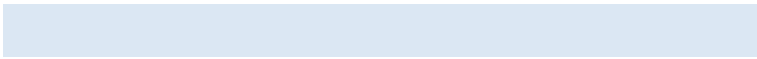
77.9007, 78.5906, 80.8757



75.4506, 78.5906, 75.9527



71.5843, 78.5906, 90.4463



73.9504, 78.5906, 95.9705

Sweetspot

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



77.9029, 78.5941, 80.8774



91.6644, 95.1607, 101.8158



80.2478, 78.6701, 95.8824



19.4309, 20.0979, 21.3977



0.0000, 0.0000, 0.0000



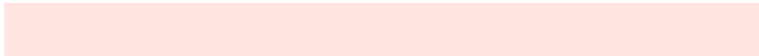
20.3446, 21.4041, 23.3091

Same Dimension

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



77.9029, 78.5941, 80.8774



83.2576, 83.1220, 84.2929



80.9240, 84.6363, 81.8844



16.6205, 16.7251, 17.1498



20.4860, 10.8575, 1.0160



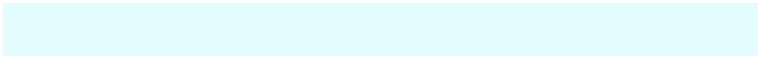
1.8410, 1.0351, 0.1028

Inverse Universe

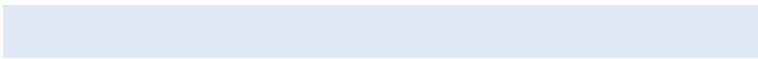
The Inverse Universe completely reimagines the original color for something new.



78.9632, 86.3803, 98.8984



84.6630, 93.4431, 108.1819



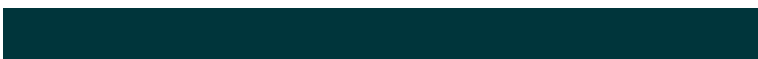
75.8175, 80.0888, 97.8499



16.8601, 18.4844, 21.2218



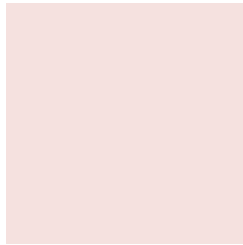
23.1024, 31.9987, 51.4968



2.0675, 2.8864, 4.5384

Previews

White Background



This preview shows how the XYZ color 77.9007, 78.5906, 80.8757 looks on a white background.

Color Contrast Check

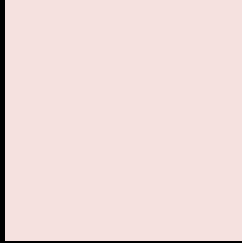
Large Text (above 18pt) WCAG AA × Fail

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 77.9007, 78.5906, 80.8757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

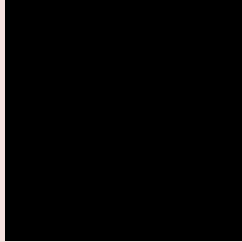
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

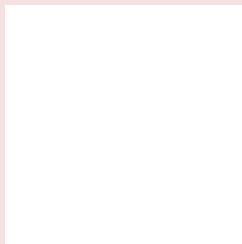
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.9007, 78.5906, 80.8757

Background



This preview shows how black text looks on a background with the XYZ color 77.9007, 78.5906, 80.8757.

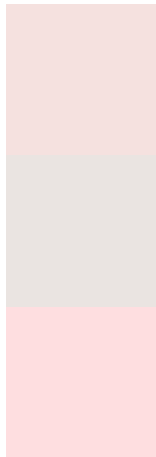


This preview shows how white text looks on a background with the XYZ color 77.9007, 78.5906,

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

77.9007, 78.5906, 80.8757

Protanopia

75.2657, 78.4155, 82.4029

Deuteranopia

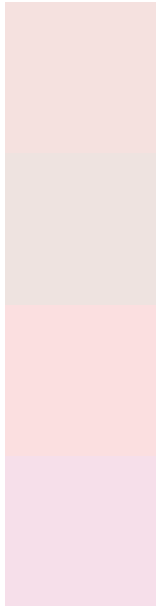
80.4489, 78.6952, 81.4706



Tritanopia

80.2072, 78.3080, 93.3257

Trichromacy



Original Color

77.9007, 78.5906, 80.8757

Protanomaly

76.1835, 78.4971, 81.6572

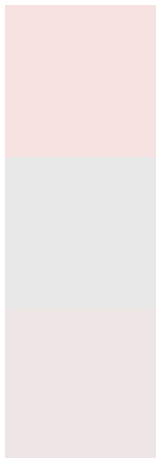
Deuteranomaly

79.6259, 78.6664, 81.5084

Tritanomaly

79.2450, 78.3087, 88.7803

Monochromacy



Original Color

77.9007, 78.5906, 80.8757

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.6150, 79.4729, 84.7006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9007, 78.5906, 80.8757 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(245, 225, 223) looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 223)  
}
```

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(245, 225, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 223) }
```

Border

The CSS property to change the border of an element to XYZ 77.9007, 78.5906, 80.8757 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(245, 225, 223) }
```


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

```
.border{ border-color:rgb(245, 225, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 225, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 225, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 225, 223);  
box-shadow:4px 4px 4px 4px rgb(245, 225,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9007, 78.5906, 80.8757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 225, 223) }
```

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

```
.background{ background-color: rgb(245,  
225, 223) }
```

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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