

Converting Colors

XYZ(77.7066, 84.6440, 82.3286)

Have a look what the booklet for
XYZ(77.7066, 84.6440, 82.3286)
contains.

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Color

**XYZ(77.7581, 84.8037,
82.0825)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F0DF
RGB	232, 240, 223
RGB Percent	91%, 94%, 87%
CMY	0.0902, 0.0588, 0.1255
CMYK	0.03, 0.00, 0.07, 0.06
HSL	88°, 36%, 91%
HSV	88°, 7%, 94%
XYZ	77.7581, 84.8037, 82.0825
YIQ	235.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

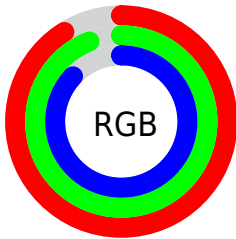
Format	Color
RYB	223, 240, 231
Decimal	15266015
CIELab	93.80, -5.64, 7.28
CIELCh	94, 9.210, 127.727
Yxy	84.8037, 0.3178, 0.3466
Android (android.graphics.Color)	4293456095 (0xFFE8F0DF)
YUV	235.6700, -6.2463, -3.2186
Hunter-Lab	92.0889, -10.4337, 11.6147

Details

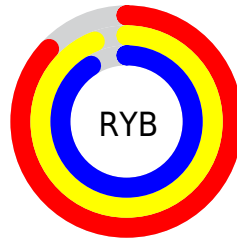
The XYZ color **77.7581, 84.8037, 82.0825** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.0741, 76.0578, 93.1663**, and the grayscale version is **79.5244, 83.6659, 91.1121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1129, 46.3382, 43.7704** is the 20% darker color. If you saturate the color by 10%, you get **71.1993, 81.7727, 66.0647**, and if you desaturate by 10%, it is **85.0161, 88.1470, 100.5308**.

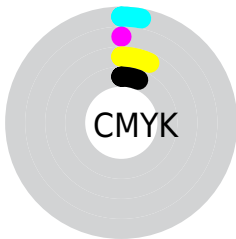
Distribution



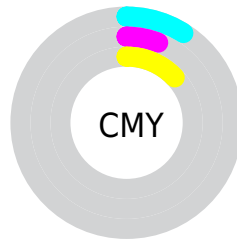
- Red (91%)
- Green (94%)
- Blue (87%)



- Red (87%)
- Yellow (94%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7581, 84.8037, 82.0825 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 77.7581, 84.8037, 82.0825 by changing the saturation by 10% instead.

■ 77.7581, 84.8037,
82.0825

■ 77.7581, 84.8037,
82.0825

476.1973,
510.9783, 521.8143

■ 58.1774, 63.6792,
60.8973

129.1762,
140.0989, 138.1274

■ 42.1951, 46.3909,
43.7123

161.7444,
175.0384, 173.8242

■ 29.4459, 32.5544,
30.1089

199.3723,
215.3516, 215.1953

■ 19.5643, 21.7853,
19.6685

242.4255,
261.4230, 262.6593

■ 12.1852, 13.6992,
11.9726

291.2692,
313.6370, 316.6346

■ 6.9430, 7.9118,
6.6027

346.2689,

■ 3.4725, 4.0385,

372.3779, 377.5399

3.1403

407.7898,
438.0302, 445.7936

■ 1.4083, 1.6951,
1.1667

■ 0.2621, 0.4205,
0.0000

■ 77.7581, 84.8037,
82.0825

■ 77.7581, 84.8037,
82.0825

■ 71.1993, 81.7727,
66.0647

■ 85.0161, 88.1470,
100.5308

■ 65.3091, 79.0332,
52.3706

■ 90.3037, 90.7272,
107.3603

■ 60.0648, 76.5783,
40.8935

■ 90.4518, 90.8035,
107.3673

■ 55.4395, 74.3967,
31.5165

■ 51.4043, 72.4761,
24.1117

■ 47.9271, 70.8033,
18.5372

■ 44.9724, 69.3635,
14.6324

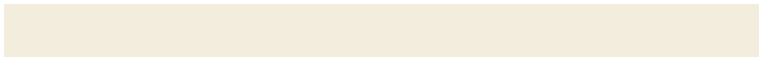
■ 42.4990, 68.1395,
12.2084

■ 40.4553, 67.1101,
11.0222

Harmonies

Analogous

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



79.9723, 84.8037, 79.6159



77.7581, 84.8037, 82.0825



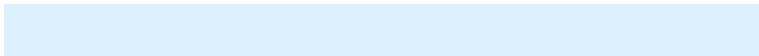
76.3267, 84.8037, 87.3225

Triad

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



77.7581, 84.8037, 82.0825



78.8330, 84.8037, 105.3780



85.3568, 84.8037, 90.5366

Complementary

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



77.7581, 84.8037, 82.0825



75.0741, 76.0578, 93.1663

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.



85.0369, 84.8037, 97.5395



77.7581, 84.8037, 82.0825



81.2377, 84.8037, 106.3453

Square

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



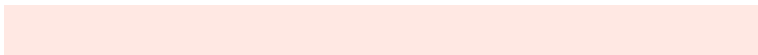
77.7581, 84.8037, 82.0825



76.9385, 84.8037, 100.8312



83.5172, 84.8037, 103.4114



84.3828, 84.8037, 84.3334

Rectangle

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



77.7581, 84.8037, 82.0825



75.9922, 84.8037, 91.8034



83.5172, 84.8037, 103.4114



85.3974, 84.8037, 92.8723

Sweetspot

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



77.7604, 84.8074, 82.0843



93.3619, 99.2234, 104.5916



77.8149, 80.9706, 81.3409



20.0010, 21.2460, 22.4320



0.0000, 0.0000, 0.0000



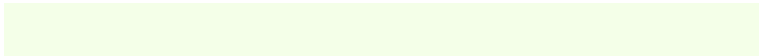
20.3446, 21.4041, 23.3091

Same Dimension

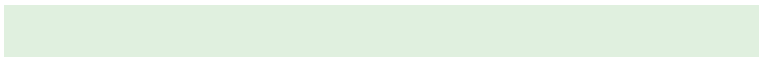
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7604, 84.8074, 82.0843



87.7091, 96.6173, 90.4074



75.0882, 83.4298, 81.9593



16.3646, 18.0681, 16.7747



22.0058, 36.6660, 5.9174



1.9455, 3.1095, 0.4976

Inverse Universe

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



75.0741, 76.0578, 93.1663



83.8322, 83.9900, 106.4010



77.8621, 77.4951, 93.2968



15.6048, 15.5935, 19.9090



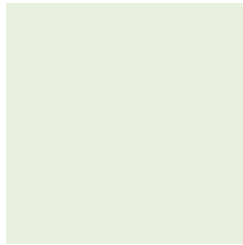
12.4870, 5.4427, 45.5203



1.1528, 0.5115, 3.7922

Previews

White Background



This preview shows how the XYZ color 77.7581, 84.8037, 82.0825 looks on a white background.

Color Contrast Check

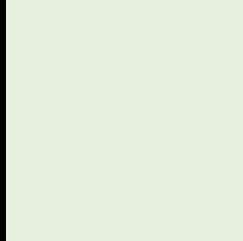
Large Text (above 18pt) WCAG AA × Fail

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 77.7581, 84.8037, 82.0825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

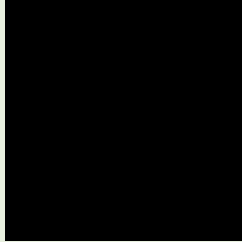
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

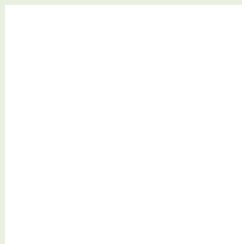
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.7581, 84.8037, 82.0825

Background



This preview shows how black text looks on a background with the XYZ color 77.7581, 84.8037, 82.0825.



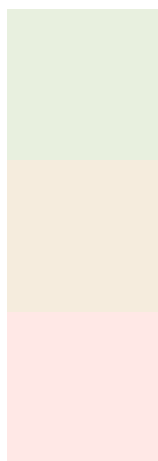
This preview shows how white text looks on a background with the XYZ color 77.7581, 84.8037,

82.0825.

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

77.7581, 84.8037, 82.0825

Protanopia

80.7028, 84.6238, 80.4872

Deuteranopia

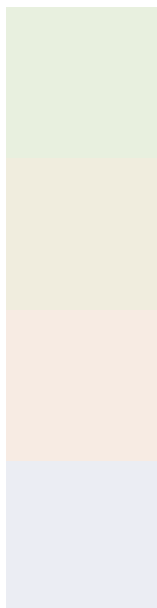
84.3795, 84.6864, 86.7617



Tritanopia

82.5228, 84.5769, 105.7415

Trichromacy



Original Color

77.7581, 84.8037, 82.0825

Protanomaly

79.4042, 84.3676, 81.2068

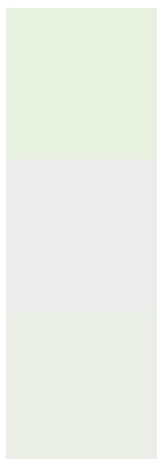
Deuteranomaly

81.9312, 84.7369, 84.7107

Tritanomaly

80.7228, 84.7016, 96.8885

Monochromacy



Original Color

77.7581, 84.8037, 82.0825

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.9689, 84.0001, 87.6528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7581, 84.8037, 82.0825 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(232, 240, 223) looks like.

```
.text, #text, p{  
    color:rgb(232, 240, 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(232, 240, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 240, 223) }
```

Border

The CSS property to change the border of an element to XYZ 77.7581, 84.8037, 82.0825 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(232, 240, 223) }
```


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

```
.border{ border-color:rgb(232, 240, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 240, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 240, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 240, 223);  
box-shadow:4px 4px 4px 4px rgb(232, 240,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7581, 84.8037, 82.0825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 240, 223) }
```

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

```
.background{ background-color: rgb(232,  
240, 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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