

Converting Colors

XYZ(76.9070, 81.0122, 84.2571)

Have a look what the booklet for
XYZ(76.9070, 81.0122, 84.2571)
contains.

XYZ(76.9827, 80.9214, 84.2350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.9827, 80.9214,
84.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE8E3
RGB	235, 232, 227
RGB Percent	92%, 91%, 89%
CMY	0.0784, 0.0902, 0.1098
CMYK	0.00, 0.01, 0.03, 0.08
HSL	38°, 17%, 91%
HSV	38°, 3%, 92%
XYZ	76.9827, 80.9214, 84.2350
YIQ	232.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

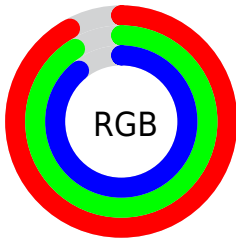
Format	Color
RYB	232, 235, 227
Decimal	15460579
CIELab	92.10, 0.14, 2.77
CIELCh	92, 2.777, 87.110
Yxy	80.9214, 0.3179, 0.3342
Android (android.graphics.Color)	4293650659 (0xFFEBE8E3)
YUV	232.3270, -2.6262, 2.3442
Hunter-Lab	89.9563, -4.6671, 7.4503

Details

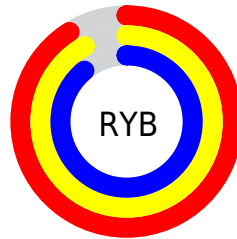
The XYZ color **76.9827, 80.9214, 84.2350** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.9708, 78.9217, 89.8804**, and the grayscale version is **76.9659, 80.9741, 88.1808**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5621, 43.6129, 45.2573** is the 20% darker color. If you saturate the color by 10%, you get **71.5432, 74.8829, 67.4969**, and if you desaturate by 10%, it is **82.9936, 87.3921, 103.3497**.

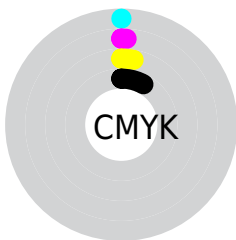
Distribution



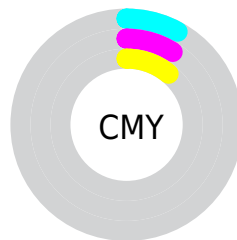
- Red (92%)
- Green (91%)
- Blue (89%)



- Red (91%)
- Yellow (92%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9827, 80.9214, 84.2350 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 76.9827, 80.9214, 84.2350 by changing the saturation by 10% instead.

■ 76.9827, 80.9214,
84.2350

■ 76.9827, 80.9214,
84.2350

473.5979,
498.0326, 529.1717

■ 57.5386, 60.4769,
62.6630

128.0880,
134.6604, 141.1685

■ 41.6796, 43.8031,
45.1294

160.4799,
168.7237, 177.3671

■ 29.0405, 30.5158,
31.2156

197.9184,
208.0953, 219.2782

■ 19.2559, 20.2304,
20.5033

240.7689,
253.1596, 267.3205

■ 11.9604, 12.5626,
12.5737

289.3968,
304.3012, 321.9124

■ 6.7887, 7.1281,
7.0084

344.1673,

■ 3.3755, 3.5423,

361.9042, 383.4726

3.3888

405.4459,
426.3533, 452.4195

■ 1.3553, 1.4210,
1.2964

■ 0.2240, 0.2321,
0.0589

■ 76.9827, 80.9214,
84.2350

■ 76.9827, 80.9214,
84.2350

■ 71.5432, 74.8829,
67.4969

■ 82.9936, 87.3921,
103.3497

■ 66.6487, 69.2555,
53.0356

■ 86.3751, 93.0098,
108.0080

■ 62.2806, 64.0314,
40.7522

■ 88.0714, 96.4024,
108.5734

■ 58.4165, 59.1986,
30.5383

■ 55.0323, 54.7443,
22.2760

■ 52.1015, 50.6548,
15.8356

■ 49.5945, 46.9152,
11.0714

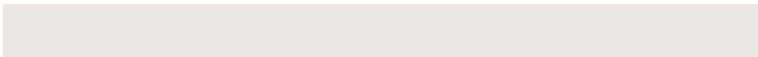
■ 47.4774, 43.5083,
7.8151

■ 45.7094, 40.4146,
5.8625

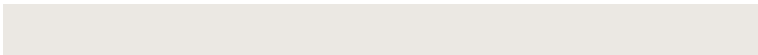
Harmonies

Analogous

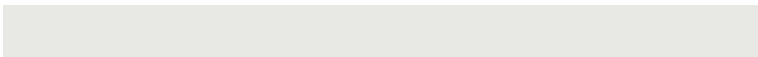
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6624, 80.9214, 84.8441



76.9827, 80.9214, 84.2350



76.2885, 80.9214, 84.6507

Triad

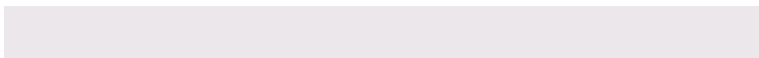
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9827, 80.9214, 84.2350



75.6959, 80.9214, 89.9164



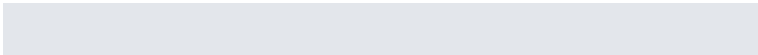
78.0738, 80.9214, 90.2654

Complementary

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



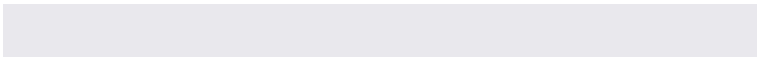
76.9827, 80.9214, 84.2350



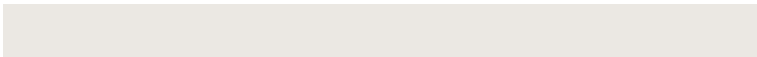
74.9708, 78.9217, 89.8804

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.



77.5417, 80.9214, 91.6616



76.9827, 80.9214, 84.2350



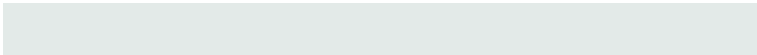
76.1691, 80.9214, 91.4579

Square

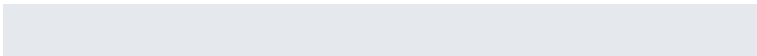
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9827, 80.9214, 84.2350



75.5483, 80.9214, 87.9113



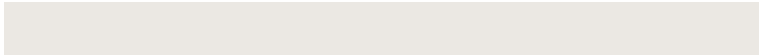
76.8441, 80.9214, 92.1013



78.2948, 80.9214, 88.3083

Rectangle

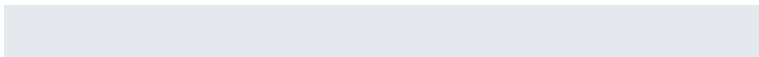
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9827, 80.9214, 84.2350



75.9103, 80.9214, 85.4567



76.8441, 80.9214, 92.1013



77.9252, 80.9214, 90.8170

Sweetspot

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



76.9850, 80.9249, 84.2368



94.3382, 99.2290, 106.6508



76.0235, 78.3185, 86.0233



20.1998, 21.2472, 22.8514



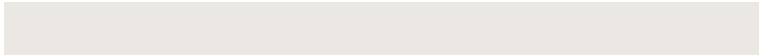
0.0000, 0.0000, 0.0000



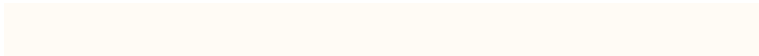
20.3446, 21.4041, 23.3091

Same Dimension

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



76.9850, 80.9249, 84.2368



92.2444, 96.9473, 100.0771



77.5282, 82.4676, 84.5059



16.4123, 17.2451, 17.6284



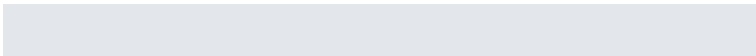
25.0004, 21.6951, 2.8699



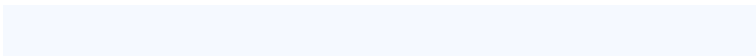
2.0550, 1.8873, 0.2560

Inverse Universe

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



74.9708, 78.9217, 89.8804



89.3948, 94.1132, 108.0618



74.4394, 77.4207, 89.6187



15.8148, 16.6509, 19.3027



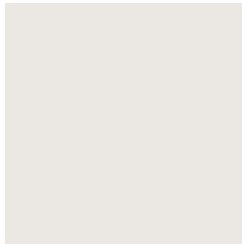
10.4009, 7.4488, 44.6325



0.9065, 0.7644, 3.5346

Previews

White Background



This preview shows how the XYZ color 76.9827, 80.9214, 84.2350 looks on a white background.

Color Contrast Check

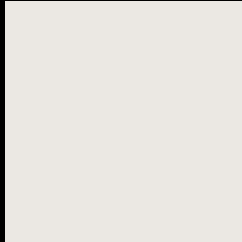
Large Text (above 18pt) WCAG AA × Fail

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 76.9827, 80.9214, 84.2350 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

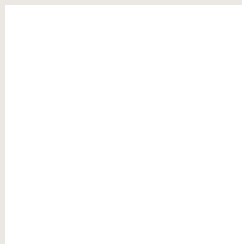
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9827, 80.9214, 84.2350

Background



This preview shows how black text looks on a background with the XYZ color 76.9827, 80.9214, 84.2350.



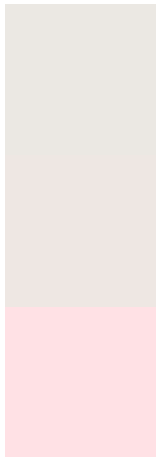
This preview shows how white text looks on a background with the XYZ color 76.9827, 80.9214,

84.2350.

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

76.9827, 80.9214, 84.2350

Protanopia

77.7009, 80.8750, 84.1882

Deuteranopia

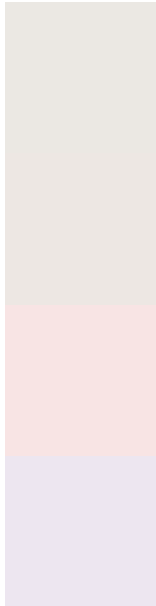
82.3081, 80.7676, 85.3803



Tritanopia

80.0677, 80.9312, 99.3969

Trichromacy



Original Color

76.9827, 80.9214, 84.2350

Protanomaly

77.3661, 80.7024, 84.1725

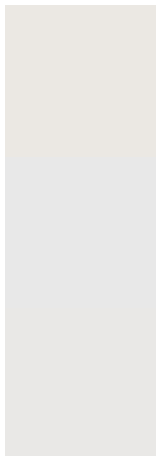
Deuteranomaly

80.4584, 81.0447, 84.8014

Tritanomaly

78.9500, 80.8894, 93.8902

Monochromacy



Original Color

76.9827, 80.9214, 84.2350

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.7438, 80.7500, 86.4044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9827, 80.9214, 84.2350 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(235, 232, 227) looks like.

```
.text, #text, p{  
    color:rgb(235, 232, 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(235, 232, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 232, 227) }
```

Border

The CSS property to change the border of an element to XYZ 76.9827, 80.9214, 84.2350 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(235, 232, 227) }
```


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

```
.border{ border-color:rgb(235, 232, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 232, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 232, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 232, 227);  
box-shadow:4px 4px 4px 4px rgb(235, 232,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9827, 80.9214, 84.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 232, 227) }
```

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

```
.background{ background-color: rgb(235,  
232, 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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