

Converting Colors

XYZ(77.3270, 82.1156, 62.2518)

Have a look what the booklet for
XYZ(77.3270, 82.1156, 62.2518)
contains.

| | |
|--|----|
| XYZ(77.1223, 81.9022, 62.1960) | 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(77.1223, 81.9022,
62.1960)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F7E9C1 |
| RGB | 247, 233, 193 |
| RGB Percent | 97%, 91%, 76% |
| CMY | 0.0314, 0.0863, 0.2431 |
| CMYK | 0.00, 0.06, 0.22, 0.03 |
| HSL | 44°, 77%, 86% |
| HSV | 44°, 22%, 97% |
| XYZ | 77.1223, 81.9022, 62.1960 |
| YIQ | 232.6260, 21.1840, -9.4720 |

Conversions

Conversions Part 2

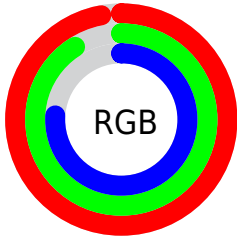
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 212, 247, 193 |
| Decimal | 16247233 |
| CIE Lab | 92.53, -1.45, 21.18 |
| CIE LCh | 93, 21.228, 93.926 |
| Yxy | 81.9022, 0.3486, 0.3702 |
| Android (android.graphics.Color) | 4294437313 (0xFFFF7E9C1) |
| YUV | 232.6260, -19.5356, 12.6060 |
| Hunter-Lab | 90.4998, -6.2603, 22.6028 |

Details

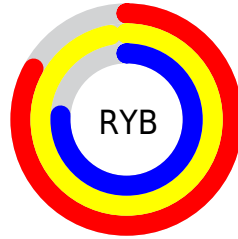
The XYZ color **77.1223, 81.9022, 62.1960** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **61.0933, 62.6770, 96.8740**, and the grayscale version is **77.3037, 81.3296, 88.5679**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **41.6175, 44.2555, 30.7748** is the 20% darker color. If you saturate the color by 10%, you get **72.8151, 77.3349, 48.2828**, and if you desaturate by 10%, it is **81.9598, 86.7925, 78.5583**.

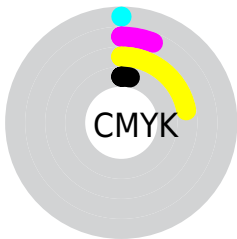
Distribution



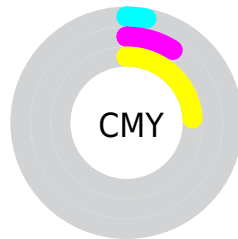
- Red (97%)
- Green (91%)
- Blue (76%)



- Red (83%)
- Yellow (97%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1223, 81.9022, 62.1960 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 77.1223, 81.9022, 62.1960 by changing the saturation by 10% instead.

77.1223, 81.9022,
62.1960

77.1223, 81.9022,
62.1960

474.0665,
501.3205, 450.6730

57.6535, 61.2849,
44.7543

128.2840,
136.0368, 109.5831

41.7724, 44.4552,
30.9224

160.7077,
170.3230, 140.3656

29.1134, 31.0285,
20.2818

198.1804,
209.9342, 176.4320

19.3113, 20.6205,
12.4139

241.0674,
255.2550, 218.2010

12.0008, 12.8469,
6.9003

289.7342,
306.6695, 266.0910

6.8164, 7.3232,
3.3223

344.5461,

3.3929, 3.6650,

364.5624, 320.5207

1.2615

405.8684,
429.3179, 381.9085

■ 1.3648, 1.4880,
0.0299

■ 0.2309, 0.2803,
0.0000

■ 77.1223, 81.9022,
62.1960

■ 77.1223, 81.9022,
62.1960

■ 72.8151, 77.3349,
48.2828

■ 81.9598, 86.7925,
78.5583

■ 69.0082, 73.0690,
36.6929

■ 87.3431, 92.0045,
97.4765

■ 65.6783, 69.0968,
27.2972

■ 91.2844, 96.7471,
108.4706

■ 62.7974, 65.4061,
19.9521

■ 92.1680, 98.5143,
108.7651

■ 60.3343, 61.9832,
14.4962

■ 58.2530, 58.8125,
10.7443

■ 56.5104, 55.8757,
8.4732

■ 55.2888, 53.6359,
7.4387

Harmonies

Analogous

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



82.5971, 81.9022, 64.5996



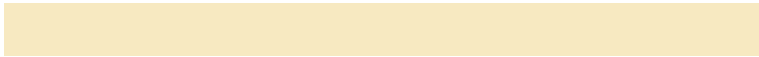
77.1223, 81.9022, 62.1960



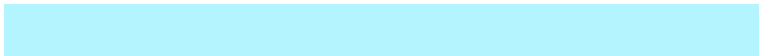
72.0795, 81.9022, 66.2901

Triad

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



77.1223, 81.9022, 62.1960



69.3791, 81.9022, 107.2119



87.7578, 81.9022, 103.1940

Complementary

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



77.1223, 81.9022, 62.1960



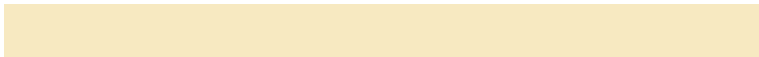
61.0933, 62.6770, 96.8740

Split Complementary

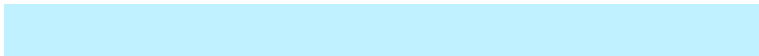
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.9113, 81.9022, 116.8063



77.1223, 81.9022, 62.1960



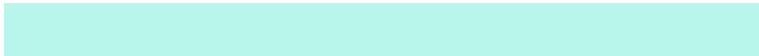
73.2799, 81.9022, 119.3115

Square

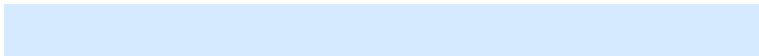
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1223, 81.9022, 62.1960



67.7444, 81.9022, 91.2716



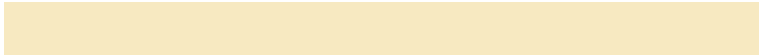
78.5734, 81.9022, 123.0131



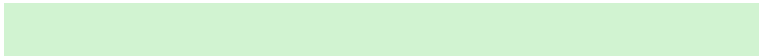
88.9041, 81.9022, 87.1158

Rectangle

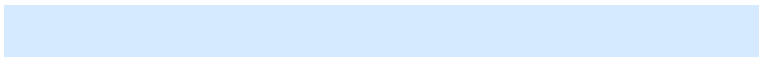
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1223, 81.9022, 62.1960



69.5904, 81.9022, 72.4734



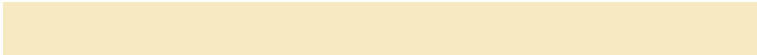
78.5734, 81.9022, 123.0131



86.7291, 81.9022, 108.2694

Sweetspot

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



77.1245, 81.9059, 62.1977



90.8499, 95.9870, 93.9748



68.7400, 62.4397, 67.7183



19.3711, 20.4729, 19.8529



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

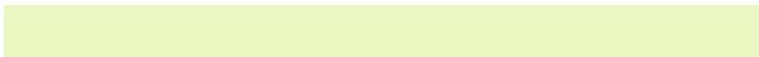
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1245, 81.9059, 62.1977



80.9142, 85.9640, 60.3016



76.9502, 87.9325, 63.3702



17.5300, 18.5441, 17.4530



29.3613, 28.6081, 3.9744



2.6633, 2.6798, 0.3769

Inverse Universe

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



61.0933, 62.6770, 96.8740



61.0049, 62.0865, 103.3763



61.2021, 57.9211, 95.9503



15.9303, 16.6249, 20.9119



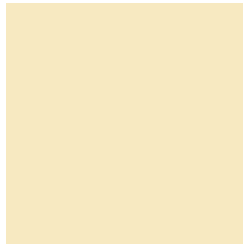
9.9458, 5.6854, 47.1112



0.9540, 0.6595, 4.1672

Previews

White Background



This preview shows how the XYZ color 77.1223, 81.9022, 62.1960 looks on a white background.

Color Contrast Check

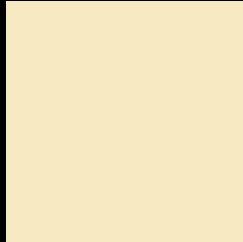
Large Text (above 18pt) WCAG AA × Fail

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 77.1223, 81.9022, 62.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

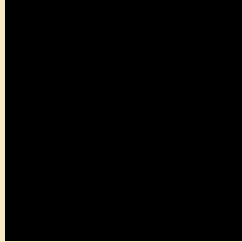
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1223, 81.9022, 62.1960

Background



This preview shows how black text looks on a background with the XYZ color 77.1223, 81.9022, 62.1960.

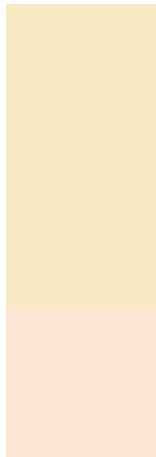


This preview shows how white text looks on a background with the XYZ color 77.1223, 81.9022,

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

77.1223, 81.9022, 62.1960

Protanopia

77.1223, 81.9022, 62.1960

Deuteranopia

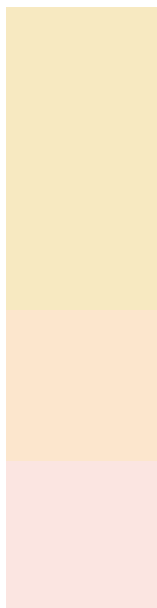
81.1430, 82.0521, 73.8483



Tritanopia

84.0335, 81.8070, 96.9492

Trichromacy



Original Color

77.1223, 81.9022, 62.1960

Protanomaly

77.1223, 81.9022, 62.1960

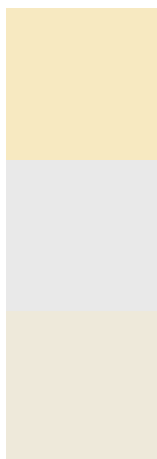
Deuteranomaly

79.4611, 81.6969, 69.3386

Tritanomaly

81.3936, 81.9841, 82.7688

Monochromacy



Original Color

77.1223, 81.9022, 62.1960

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.0537, 81.5169, 78.0028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1223, 81.9022, 62.1960 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(247, 233, 193)` looks like.

```
.text, #text, p{  
    color:rgb(247, 233, 193)  
}
```

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(247, 233, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 233, 193) }
```

Border

The CSS property to change the border of an element to XYZ 77.1223, 81.9022, 62.1960 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(247, 233, 193) }
```


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

```
.border{ border-color:rgb(247, 233, 193) }
```

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

Here you see how a box with a 4 pixel rgb(247, 233, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 233, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 233, 193);  
box-shadow:4px 4px 4px 4px rgb(247, 233,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1223, 81.9022, 62.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 233, 193) }
```

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

```
.background{ background-color: rgb(247,  
233, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor