

Converting Colors

XYZ(77.0237, 79.4755, 77.4633)

Have a look what the booklet for
XYZ(77.0237, 79.4755, 77.4633)
contains.

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Color

**XYZ(77.0162, 79.4260,
77.6012)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E4DA
RGB	242, 228, 218
RGB Percent	95%, 89%, 85%
CMY	0.0510, 0.1059, 0.1451
CMYK	0.00, 0.06, 0.10, 0.05
HSL	25°, 48%, 90%
HSV	25°, 10%, 95%
XYZ	77.0162, 79.4260, 77.6012
YIQ	231.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

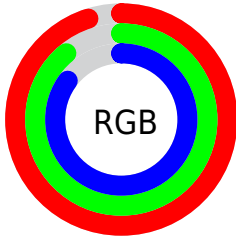
Format	Color
R _Y B	242, 235, 218
Decimal	15918298
CIE Lab	91.43, 3.10, 6.57
CIE LCh	91, 7.263, 64.772
Yxy	79.4260, 0.3291, 0.3394
Android (android.graphics.Color)	4294108378 (0xFFFF2E4DA)
YUV	231.0460, -6.4317, 9.6067
Hunter-Lab	89.1213, -1.7073, 10.7589

Details

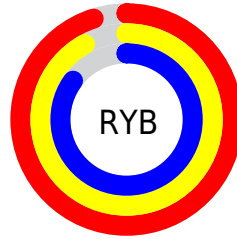
The XYZ color **77.0162, 79.4260, 77.6012** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.7968, 79.0279, 95.3695**, and the grayscale version is **76.0321, 79.9916, 87.1109**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8041, 42.9706, 40.7412** is the 20% darker color. If you saturate the color by 10%, you get **70.3533, 70.8029, 60.8805**, and if you desaturate by 10%, it is **84.4629, 88.8749, 96.8662**.

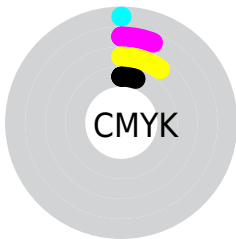
Distribution



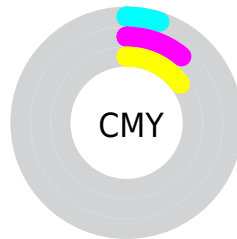
- Red (95%)
- Green (89%)
- Blue (85%)



- Red (95%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0162, 79.4260, 77.6012 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 77.0162, 79.4260, 77.6012 by changing the saturation by 10% instead.

77.0162, 79.4260,
77.6012

77.0162, 79.4260,
77.6012

473.7104,
492.9963, 506.3034

57.5661, 59.2461,
57.2319

128.1351,
132.5584, 131.7685

41.7019, 42.8113,
40.7809

160.5346,
166.2797, 166.4037

29.0580, 29.7371,
27.8295

197.9813,
205.2837, 206.6312

19.2692, 19.6391,
17.9593

240.8406,
249.9546, 252.8697

11.9701, 12.1330,
10.7516

289.4778,
300.6770, 305.5376

6.7954, 6.8343,
5.7880

344.2582,

3.3797, 3.3587,

357.8351, 365.0535

2.6499

405.5473,
421.8134, 431.8359

■ 1.3576, 1.3217,
0.9181

■ 0.2257, 0.1579,
0.0000

■ 77.0162, 79.4260,
77.6012

■ 77.0162, 79.4260,
77.6012

■ 70.3533, 70.8029,
60.8805

■ 84.4629, 88.8749,
96.8662

■ 64.4400, 62.9721,
46.5913

■ 90.4283, 97.6174,
108.6837

■ 59.2495, 55.9128,
34.6201

■ 54.7502, 49.5996,
24.8420

■ 50.9084, 44.0054,
17.1203

■ 47.6868, 39.1009,
11.3027

■ 45.0436, 34.8546,
7.2153

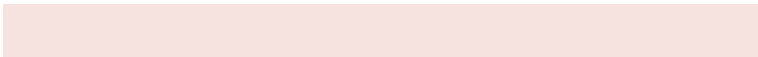
■ 42.9305, 31.2313,
4.6517

■ 41.2727, 28.1846,
3.2706

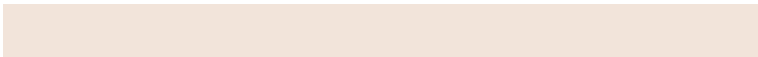
Harmonies

Analogous

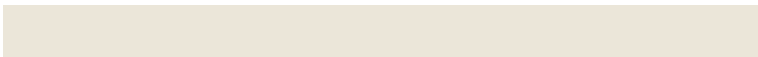
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4476, 79.4260, 80.8084



77.0162, 79.4260, 77.6012



75.1969, 79.4260, 76.7345

Triad

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



77.0162, 79.4260, 77.6012



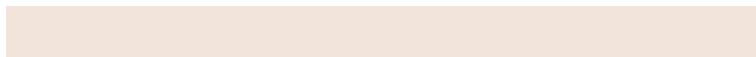
72.0072, 79.4260, 87.3304



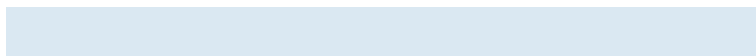
77.5360, 79.4260, 95.1100

Complementary

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



77.0162, 79.4260, 77.6012



73.7968, 79.0279, 95.3695

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.



75.7879, 79.4260, 97.0206



77.0162, 79.4260, 77.6012



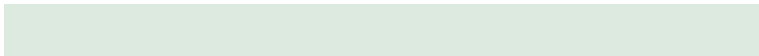
72.6116, 79.4260, 92.4139

Square

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



77.0162, 79.4260, 77.6012



72.3241, 79.4260, 82.2174



73.9881, 79.4260, 96.0145



78.7512, 79.4260, 90.8903

Rectangle

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



77.0162, 79.4260, 77.6012



74.0134, 79.4260, 77.5693



73.9881, 79.4260, 96.0145



76.9902, 79.4260, 96.0512

Sweetspot

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



77.0184, 79.4295, 77.6029



92.4359, 96.7037, 102.0729



76.2558, 74.8473, 86.7727



19.6385, 20.5131, 21.4669



0.0000, 0.0000, 0.0000



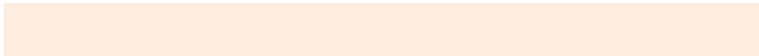
20.3446, 21.4041, 23.3091

Same Dimension

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



77.0184, 79.4295, 77.6029



85.0782, 87.3222, 83.1765



80.4338, 86.2602, 78.7414



16.3142, 16.8415, 16.5406



22.2929, 15.3839, 1.7944



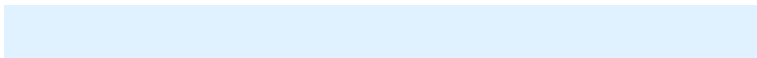
1.9506, 1.4719, 0.1813

Inverse Universe

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



73.7968, 79.0279, 95.3695



80.7395, 86.7810, 107.1027



70.5347, 72.5038, 94.2822



15.6631, 16.7603, 20.1311



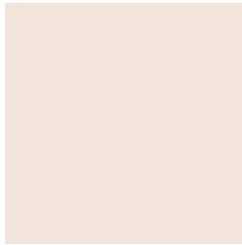
13.8743, 13.9729, 47.0937



1.2522, 1.3584, 3.9504

Previews

White Background



This preview shows how the XYZ color 77.0162, 79.4260, 77.6012 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 77.0162, 79.4260, 77.6012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

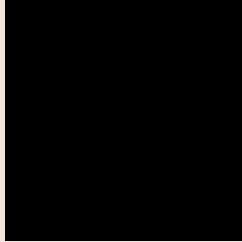
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

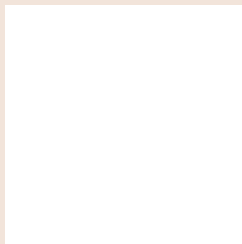
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.0162, 79.4260, 77.6012

Background



This preview shows how black text looks on a background with the XYZ color 77.0162, 79.4260, 77.6012.

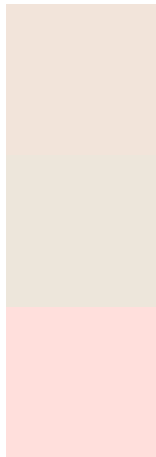


This preview shows how white text looks on a background with the XYZ color 77.0162, 79.4260,

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

77.0162, 79.4260, 77.6012

Protanopia

76.0080, 79.7126, 78.3979

Deuteranopia

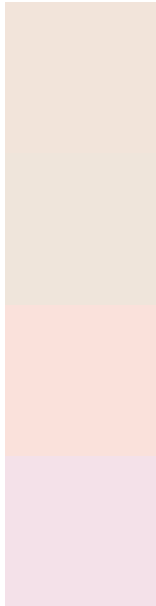
80.5459, 79.2027, 78.7526



Tritanopia

80.3389, 79.1346, 95.0446

Trichromacy



Original Color

77.0162, 79.4260, 77.6012

Protanomaly

76.4021, 79.5038, 78.3368

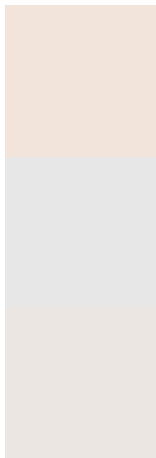
Deuteranomaly

79.1357, 79.2889, 78.1512

Tritanomaly

78.9414, 78.9667, 88.1722

Monochromacy



Original Color

77.0162, 79.4260, 77.6012

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.2852, 79.7468, 83.3235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0162, 79.4260, 77.6012 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(242, 228, 218) looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 218)  
}
```

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(242, 228, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 218) }
```

Border

The CSS property to change the border of an element to XYZ 77.0162, 79.4260, 77.6012 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(242, 228, 218) }
```


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

```
.border{ border-color:rgb(242, 228, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 228, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 228, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 228, 218);  
box-shadow:4px 4px 4px 4px rgb(242, 228,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0162, 79.4260, 77.6012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 218) }
```

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

```
.background{ background-color: rgb(242,  
228, 218) }
```

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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