

Converting Colors

XYZ(75.7460, 77.3707, 62.1568)

Have a look what the booklet for
XYZ(75.7460, 77.3707, 62.1568)
contains.

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Color

**XYZ(75.8176, 77.5303,
62.0078)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE0C2
RGB	250, 224, 194
RGB Percent	98%, 88%, 76%
CMY	0.0196, 0.1215, 0.2392
CMYK	0.00, 0.10, 0.22, 0.02
HSL	32°, 85%, 87%
HSV	32°, 22%, 98%
XYZ	75.8176, 77.5303, 62.0078
YIQ	228.3540, 25.1260, -3.8180

Conversions

Conversions Part 2

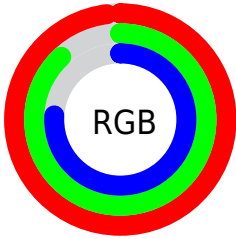
Format	Color
R _Y B	243, 250, 194
Decimal	16441538
CIE Lab	90.57, 4.38, 17.96
CIE LCh	91, 18.482, 76.296
Yxy	77.5303, 0.3521, 0.3600
Android (android.graphics.Color)	4294631618 (0xFFFAE0C2)
YUV	228.3540, -16.9365, 18.9835
Hunter-Lab	88.0513, -0.3902, 19.8825

Details

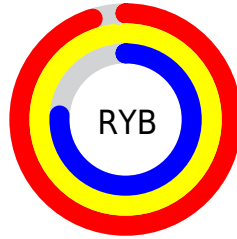
The XYZ color **75.8176, 77.5303, 62.0078** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.0963, 69.5562, 100.4377**, and the grayscale version is **74.1110, 77.9705, 84.9099**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **40.9139, 41.6068, 30.6855** is the 20% darker color. If you saturate the color by 10%, you get **70.2300, 70.4765, 47.4388**, and if you desaturate by 10%, it is **82.0946, 85.2059, 79.1387**.

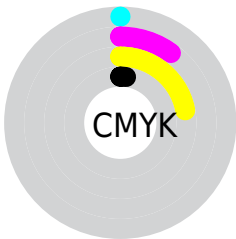
Distribution



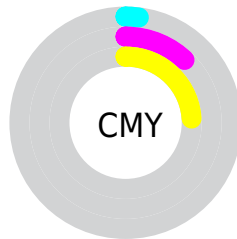
- Red (98%)
- Green (88%)
- Blue (76%)



- Red (95%)
- Yellow (98%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8176, 77.5303, 62.0078 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 75.8176, 77.5303, 62.0078 by changing the saturation by 10% instead.


 75.8176, 77.5303,
62.0078

 75.8176, 77.5303,
62.0078


469.6771,
486.5702, 449.9680

 56.5795, 57.6882,
44.6032


 126.4508,
129.8878, 109.3085

 40.9065, 41.5580,
30.8043


158.5765,
163.1720, 140.0417

 28.4334, 28.7554,
20.1927


195.7289,
201.7056, 176.0548

 18.7947, 18.8959,
12.3497

238.2732,
245.8732, 217.7663

 11.6252, 11.5950,
6.8569

286.5748,
296.0591, 265.5949

 6.5594, 6.4686,
3.2957

340.9991,

 3.2320, 3.1320,

352.6476, 319.9590

1.2475

401.9114,
416.0232, 381.2772

■ 1.2776, 1.2011,
0.0182

■ 0.1663, 0.0626,
0.0000

■ 75.8176, 77.5303,
62.0078

■ 75.8176, 77.5303,
62.0078

■ 70.2300, 70.4765,
47.4388

■ 82.0946, 85.2059,
79.1387

■ 65.2979, 64.0161,
35.3010

■ 89.0809, 93.5096,
98.9436

■ 60.9932, 58.1335,
25.4595

■ 93.2346, 99.0641,
108.8150

■ 57.2832, 52.8086,
17.7640

■ 54.1316, 48.0194,
12.0461

■ 51.4970, 43.7415,
8.1118

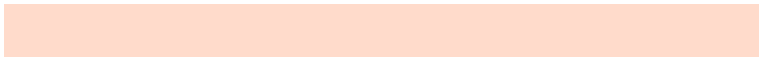
■ 49.3303, 39.9474,
5.7268

■ 47.9428, 37.3607,
4.6845

Harmonies

Analogous

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



80.0085, 77.5303, 67.3079



75.8176, 77.5303, 62.0078



71.2223, 77.5303, 62.2510

Triad

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



75.8176, 77.5303, 62.0078



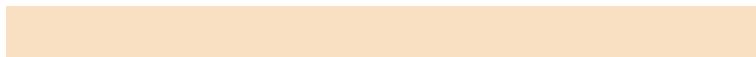
65.4781, 77.5303, 91.7693



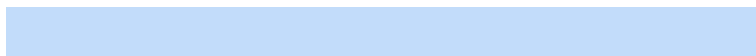
80.3095, 77.5303, 103.2700

Complementary

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



75.8176, 77.5303, 62.0078



65.0963, 69.5562, 100.4377

Split Complementary

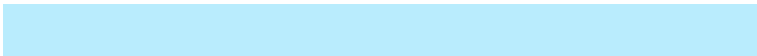
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2145, 77.5303, 111.3051



75.8176, 77.5303, 62.0078



67.7137, 77.5303, 104.2051

Square

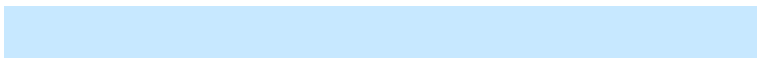
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8176, 77.5303, 62.0078



65.3819, 77.5303, 78.5250



71.6030, 77.5303, 111.6642



82.6742, 77.5303, 90.5972

Rectangle

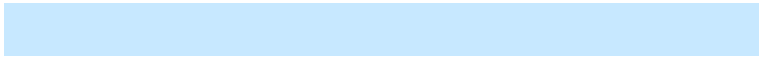
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8176, 77.5303, 62.0078



68.5492, 77.5303, 65.5052



71.6030, 77.5303, 111.6642



79.0821, 77.5303, 106.6585

Sweetspot

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



75.8197, 77.5338, 62.0094



89.7214, 93.7300, 93.5986



71.6529, 64.0829, 76.3964



19.1095, 19.9497, 19.7657



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.



75.8197, 77.5338, 62.0094



76.5172, 77.6083, 57.4850



82.6825, 92.2477, 64.4878



18.0149, 18.7656, 18.1350



25.5759, 20.1084, 2.5333



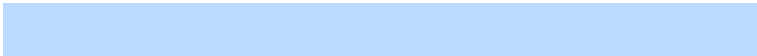
2.4749, 2.0746, 0.2700

Inverse Universe

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



65.0963, 69.5562, 100.4377



63.4361, 67.8778, 104.3660



59.2784, 57.2047, 98.3603



16.9471, 17.9711, 21.9609



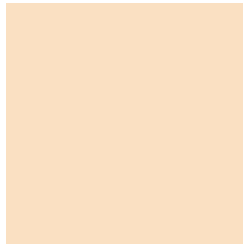
12.6093, 10.5741, 49.3500



1.2727, 1.1891, 4.6056

Previews

White Background



This preview shows how the XYZ color 75.8176, 77.5303, 62.0078 looks on a white background.

Color Contrast Check

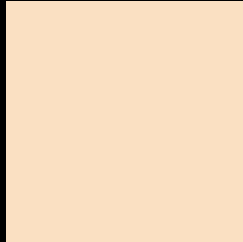
Large Text (above 18pt) WCAG AA × Fail

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 75.8176, 77.5303, 62.0078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

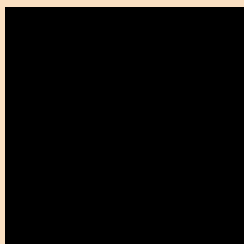
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8176, 77.5303, 62.0078

Background



This preview shows how black text looks on a background with the XYZ color 75.8176, 77.5303, 62.0078.



This preview shows how white text looks on a background with the XYZ color 75.8176, 77.5303,

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

75.8176, 77.5303, 62.0078

Protanopia

73.3681, 77.4490, 63.3068

Deuteranopia

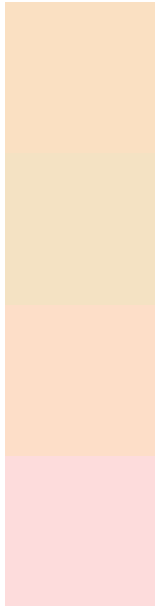
77.8759, 77.2847, 67.3128



Tritanopia

81.3068, 77.4010, 89.2518

Trichromacy



Original Color

75.8176, 77.5303, 62.0078

Protanomaly

74.3549, 77.5659, 62.6826

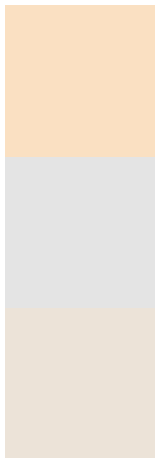
Deuteranomaly

77.0546, 77.2953, 65.5019

Tritanomaly

79.0195, 77.2364, 78.4535

Monochromacy



Original Color

75.8176, 77.5303, 62.0078

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4558, 77.7289, 76.0447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8176, 77.5303, 62.0078 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(250, 224, 194)` looks like.

```
.text, #text, p{  
    color:rgb(250, 224, 194)  
}
```

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(250, 224, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 224, 194) }
```

Border

The CSS property to change the border of an element to XYZ 75.8176, 77.5303, 62.0078 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(250, 224, 194) }
```


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

```
.border{ border-color:rgb(250, 224, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 224, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 224, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 224, 194);  
box-shadow:4px 4px 4px 4px rgb(250, 224,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8176, 77.5303, 62.0078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 224, 194) }
```

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

```
.background{ background-color: rgb(250,  
224, 194) }
```

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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