

Converting Colors

XYZ(77.8812, 81.2062, 75.9940)

Have a look what the booklet for
XYZ(77.8812, 81.2062, 75.9940)
contains.

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Color

**XYZ(77.8038, 81.1128,
75.8456)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E7D7
RGB	243, 231, 215
RGB Percent	95%, 91%, 84%
CMY	0.0471, 0.0941, 0.1569
CMYK	0.00, 0.05, 0.12, 0.05
HSL	34°, 54%, 90%
HSV	34°, 12%, 95%
XYZ	77.8038, 81.1128, 75.8456
YIQ	232.7640, 12.2880, -2.4320

Conversions

Conversions Part 2

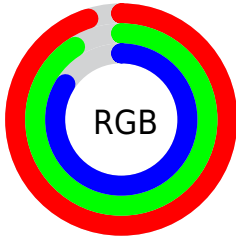
Format	Color
R _Y B	236, 243, 215
Decimal	15984599
CIE Lab	92.18, 1.42, 9.23
CIE LCh	92, 9.339, 81.228
Yxy	81.1128, 0.3314, 0.3455
Android (android.graphics.Color)	4294174679 (0xFFFF3E7D7)
YUV	232.7640, -8.7577, 8.9770
Hunter-Lab	90.0626, -3.4061, 13.1132

Details

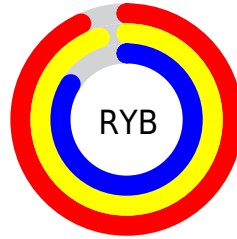
The XYZ color **77.8038, 81.1128, 75.8456** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.6709, 75.8549, 95.6588**, and the grayscale version is **77.3338, 81.3612, 88.6023**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1687, 43.7628, 39.4822** is the 20% darker color. If you saturate the color by 10%, you get **72.0834, 74.3029, 59.6609**, and if you desaturate by 10%, it is **84.1658, 88.4620, 94.5342**.

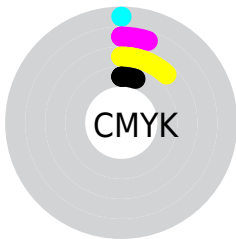
Distribution



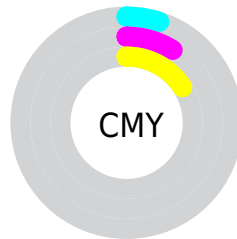
- Red (95%)
- Green (91%)
- Blue (84%)



- Red (93%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8038, 81.1128, 75.8456 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 77.8038, 81.1128, 75.8456 by changing the saturation by 10% instead.

77.8038, 81.1128,
75.8456

77.8038, 81.1128,
75.8456

476.3503,
498.6752, 500.1518

58.2150, 60.6345,
55.8000

129.2403,
134.9291, 129.2667

42.2255, 43.9303,
39.6397

161.8188,
169.0360, 163.4793

29.4698, 30.6157,
26.9461

199.4579,
208.4545, 203.2514

19.5825, 20.3064,
17.3006

242.5230,
253.5690, 249.0014

12.1985, 12.6180,
10.2849

291.3794,
304.7639, 301.1478

6.9521, 7.1660,
5.4802

346.3926,

3.4783, 3.5661,

362.4236, 360.1094

2.4680

407.9277,
426.9326, 426.3045

■ 1.4114, 1.4340,
0.8231

■ 0.2643, 0.2415,
0.0000

■ 77.8038, 81.1128,
75.8456

■ 77.8038, 81.1128,
75.8456

■ 72.0834, 74.3029,
59.6609

■ 84.1658, 88.4620,
94.5342

■ 66.9747, 68.0075,
45.8666

■ 89.7685, 95.7868,
108.3651

■ 62.4548, 62.2152,
34.3481

■ 90.7725, 97.7949,
108.6998

■ 58.4968, 56.9103,
24.9794

■ 55.0715, 52.0759,
17.6218

■ 52.1462, 47.6935,
12.1204

■ 49.6839, 43.7428,
8.2972

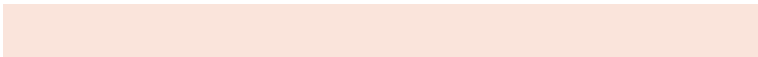
■ 47.6407, 40.2006,
5.9388

■ 46.1803, 37.4904,
4.8024

Harmonies

Analogous

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



80.0324, 81.1128, 78.3740



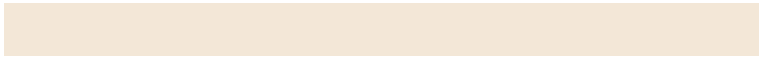
77.8038, 81.1128, 75.8456



75.4302, 81.1128, 76.5207

Triad

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



77.8038, 81.1128, 75.8456



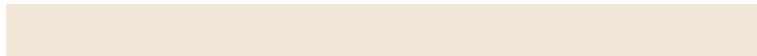
72.8577, 81.1128, 93.2090



80.7633, 81.1128, 96.8884

Complementary

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



77.8038, 81.1128, 75.8456



71.6709, 75.8549, 95.6588

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.



78.7847, 81.1128, 101.2696



77.8038, 81.1128, 75.8456



74.2309, 81.1128, 99.0696

Square

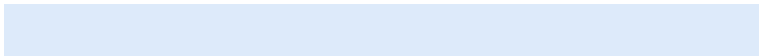
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.8038, 81.1128, 75.8456



72.6075, 81.1128, 86.3105



76.3911, 81.1128, 102.0880



81.7643, 81.1128, 90.3565

Rectangle

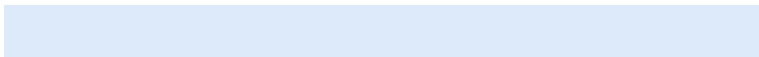
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.8038, 81.1128, 75.8456



74.0826, 81.1128, 78.7121



76.3911, 81.1128, 102.0880



80.1885, 81.1128, 98.6754

Sweetspot

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



77.8060, 81.1164, 75.8473



92.8060, 97.4438, 102.1963



75.1471, 73.2101, 82.9409



19.7383, 20.7127, 21.5002



0.0000, 0.0000, 0.0000



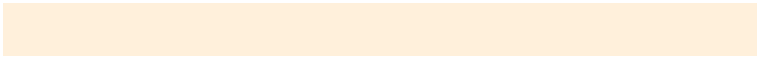
20.3446, 21.4041, 23.3091

Same Dimension

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



77.8060, 81.1164, 75.8473



85.1393, 88.5374, 79.8272



80.6384, 87.7326, 76.9751



17.2855, 18.0551, 17.3715



25.4817, 20.8490, 2.6812



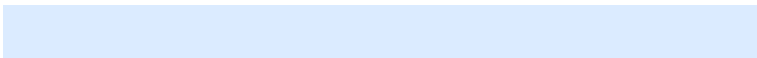
2.3415, 2.0362, 0.2696

Inverse Universe

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



71.6709, 75.8549, 95.6588



76.9460, 81.5112, 106.2855



69.0548, 69.8044, 94.6288



16.1649, 17.0941, 20.9901



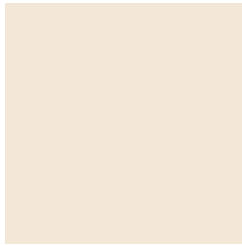
11.7291, 9.2521, 47.7057



1.1307, 1.0128, 4.2261

Previews

White Background



This preview shows how the XYZ color 77.8038, 81.1128, 75.8456 looks on a white background.

Color Contrast Check

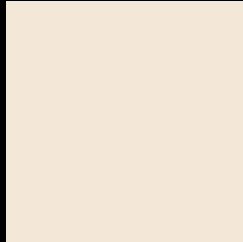
Large Text (above 18pt) WCAG AA × Fail

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 77.8038, 81.1128, 75.8456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

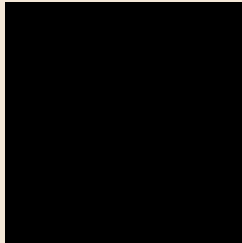
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8038, 81.1128, 75.8456

Background



This preview shows how black text looks on a background with the XYZ color 77.8038, 81.1128, 75.8456.



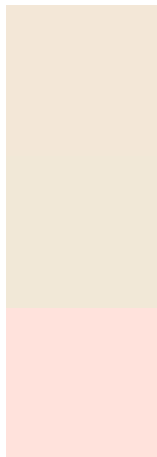
This preview shows how white text looks on a background with the XYZ color 77.8038, 81.1128,

75.8456.

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

77.8038, 81.1128, 75.8456

Protanopia

77.3980, 81.3203, 75.9071

Deuteranopia

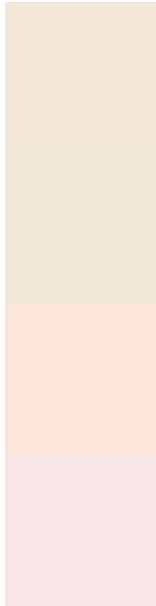
81.3546, 80.8200, 79.0221



Tritanopia

82.1560, 81.2440, 96.9395

Trichromacy



Original Color

77.8038, 81.1128, 75.8456

Protanomaly

77.7403, 81.4968, 75.9231

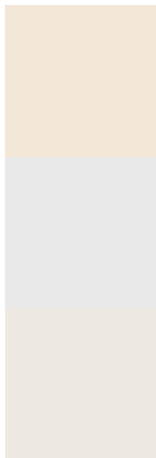
Deuteranomaly

80.1820, 81.0580, 77.7494

Tritanomaly

80.4574, 80.9628, 88.4776

Monochromacy



Original Color

77.8038, 81.1128, 75.8456

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.5091, 81.2087, 83.5412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8038, 81.1128, 75.8456 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(243, 231, 215) looks like.

```
.text, #text, p{  
    color:rgb(243, 231, 215)  
}
```

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(243, 231, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 231, 215) }
```

Border

The CSS property to change the border of an element to XYZ 77.8038, 81.1128, 75.8456 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(243, 231, 215) }
```


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

```
.border{ border-color:rgb(243, 231, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 231, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 231, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 231, 215);  
box-shadow:4px 4px 4px 4px rgb(243, 231,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8038, 81.1128, 75.8456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 231, 215) }
```

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

```
.background{ background-color: rgb(243,  
231, 215) }
```

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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