

Converting Colors

XYZ(76.9431, 80.1921, 78.1387)

Have a look what the booklet for
XYZ(76.9431, 80.1921, 78.1387)
contains.

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Color

**XYZ(77.0182, 80.2334,
78.4451)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E6DB
RGB	240, 230, 219
RGB Percent	94%, 90%, 86%
CMY	0.0588, 0.0980, 0.1412
CMYK	0.00, 0.04, 0.09, 0.06
HSL	31°, 41%, 90%
HSV	31°, 9%, 94%
XYZ	77.0182, 80.2334, 78.4451
YIQ	231.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

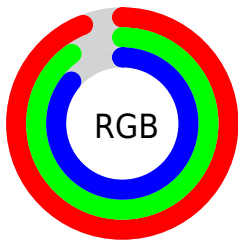
Format	Color
R _Y B	238, 240, 219
Decimal	15787739
CIE Lab	91.79, 1.54, 6.55
CIE LCh	92, 6.728, 76.804
Yxy	80.2334, 0.3268, 0.3404
Android (android.graphics.Color)	4293977819 (0xFFFF0E6DB)
YUV	231.7360, -6.2788, 7.2475
Hunter-Lab	89.5731, -3.2721, 10.7770

Details

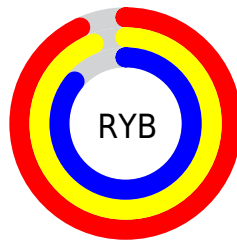
The XYZ color **77.0182, 80.2334, 78.4451** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.9607, 77.3886, 93.5310**, and the grayscale version is **76.5468, 80.5331, 87.7006**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7980, 43.5306, 41.3212** is the 20% darker color. If you saturate the color by 10%, you get **71.0088, 72.9110, 61.9613**, and if you desaturate by 10%, it is **83.6961, 88.1617, 97.4011**.

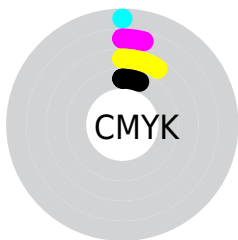
Distribution



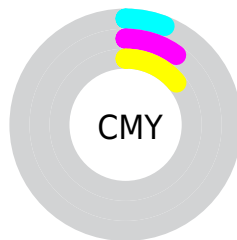
- Red (94%)
- Green (90%)
- Blue (86%)



- Red (93%)
- Yellow (94%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0182, 80.2334, 78.4451 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 77.0182, 80.2334, 78.4451 by changing the saturation by 10% instead.

77.0182, 80.2334,
78.4451

77.0182, 80.2334,
78.4451

473.7171,
495.7191, 509.2450

57.5678, 59.9104,
57.9211

128.1379,
133.6938, 132.9690

41.7032, 43.3464,
41.3309

160.5379,
167.6001, 167.8059

29.0590, 30.1570,
28.2561

197.9851,
206.8029, 208.2508

19.2700, 19.9578,
18.2781

240.8449,
251.6867, 254.7223

11.9707, 12.3644,
10.9783

289.4826,
302.6358, 307.6390

6.7958, 6.9923,
5.9383

344.2637,

3.3799, 3.4573,

360.0346, 367.4193

2.7394

405.5534,
424.2676, 434.4818

■ 1.3577, 1.3749,
0.9632

■ 0.2258, 0.1981,
0.0000

■ 77.0182, 80.2334,
78.4451

■ 77.0182, 80.2334,
78.4451

■ 71.0088, 72.9110,
61.9613

■ 83.6961, 88.1617,
97.4011

■ 65.6377, 66.1684,
47.8411

■ 89.0644, 95.9032,
108.4247

■ 60.8824, 59.9926,
35.9752

■ 89.7456, 97.2655,
108.6518

■ 56.7161, 54.3662,
26.2437

■ 53.1099, 49.2706,
18.5156

■ 50.0318, 44.6859,
12.6451

■ 47.4461, 40.5903,
8.4661

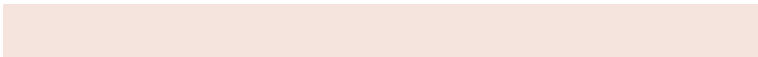
■ 45.3108, 36.9593,
5.7827

■ 43.5665, 33.7610,
4.3065

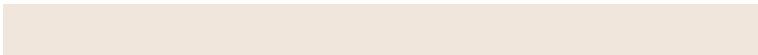
Harmonies

Analogous

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



78.5496, 80.2334, 80.6248



77.0182, 80.2334, 78.4451



75.3057, 80.2334, 78.5891

Triad

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



77.0182, 80.2334, 78.4451



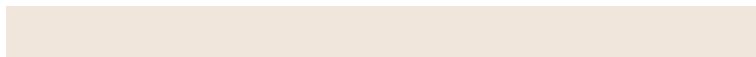
73.1318, 80.2334, 90.1322



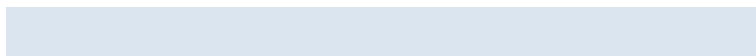
78.7001, 80.2334, 94.0171

Complementary

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



77.0182, 80.2334, 78.4451



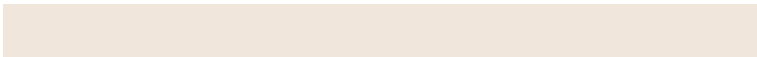
72.9607, 77.3886, 93.5310

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.



77.2212, 80.2334, 96.7615



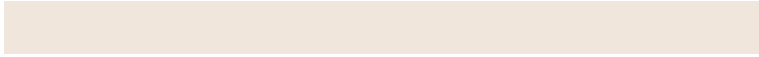
77.0182, 80.2334, 78.4451



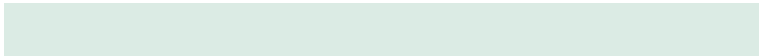
74.0142, 80.2334, 94.4614

Square

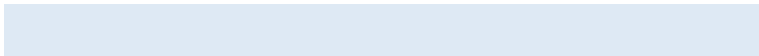
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0182, 80.2334, 78.4451



73.0793, 80.2334, 85.2125



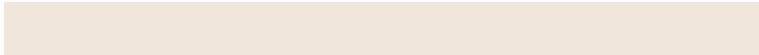
75.5057, 80.2334, 96.9271



79.5305, 80.2334, 89.5443

Rectangle

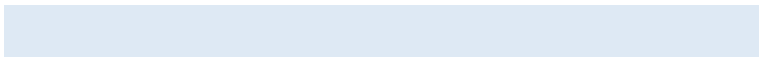
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0182, 80.2334, 78.4451



74.2920, 80.2334, 79.9819



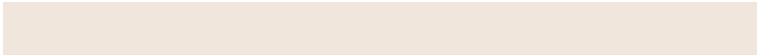
75.5057, 80.2334, 96.9271



78.2614, 80.2334, 95.1795

Sweetspot

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



77.0204, 80.2369, 78.4468



92.6919, 97.2158, 102.1583



75.4315, 74.8550, 84.7124



19.7076, 20.6512, 21.4899



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.



77.0204, 80.2369, 78.4468



87.4623, 90.9641, 87.4434



79.7637, 85.8997, 79.3953



16.4583, 17.1296, 16.5886



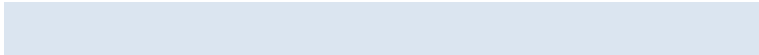
23.8736, 18.5452, 2.3213



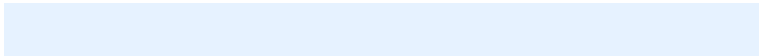
2.0857, 1.7420, 0.2263

Inverse Universe

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



72.9607, 77.3886, 93.5310



82.1672, 87.2490, 107.1178



70.3796, 72.0699, 92.6405



15.5179, 16.4699, 20.0827



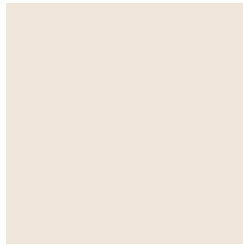
12.0497, 10.3236, 46.4854



1.1014, 1.0568, 3.9001

Previews

White Background



This preview shows how the XYZ color 77.0182, 80.2334, 78.4451 looks on a white background.

Color Contrast Check

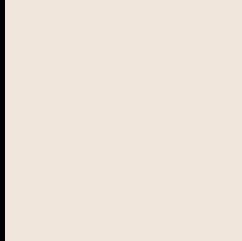
Large Text (above 18pt) WCAG AA × Fail

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 77.0182, 80.2334, 78.4451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

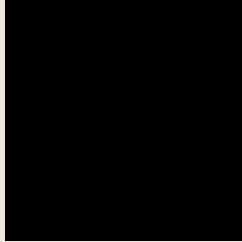
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

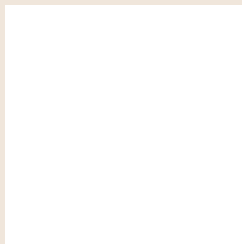
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.0182, 80.2334, 78.4451

Background



This preview shows how black text looks on a background with the XYZ color 77.0182, 80.2334, 78.4451.

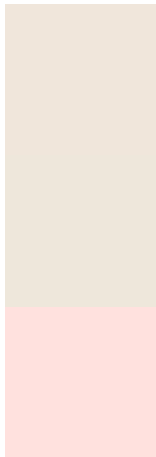


This preview shows how white text looks on a background with the XYZ color 77.0182, 80.2334,

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

77.0182, 80.2334, 78.4451

Protanopia

76.6220, 80.4434, 78.5066

Deuteranopia

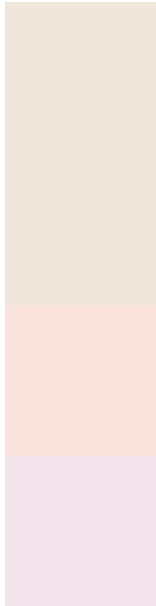
81.3500, 80.3844, 80.3354



Tritanopia

80.8337, 80.1575, 96.7995

Trichromacy



Original Color

77.0182, 80.2334, 78.4451

Protanomaly

76.9587, 80.6170, 78.5223

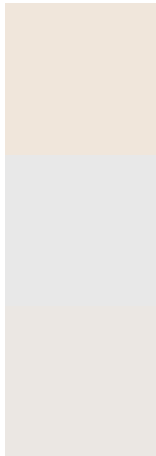
Deuteranomaly

79.9446, 80.4826, 79.7278

Tritanomaly

79.4266, 79.9910, 89.8508

Monochromacy



Original Color

77.0182, 80.2334, 78.4451

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.7020, 80.3600, 84.1415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0182, 80.2334, 78.4451 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(240, 230, 219) looks like.

```
.text, #text, p{  
    color:rgb(240, 230, 219)  
}
```

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(240, 230, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 230, 219) }
```

Border

The CSS property to change the border of an element to XYZ 77.0182, 80.2334, 78.4451 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(240, 230, 219) }
```


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

```
.border{ border-color:rgb(240, 230, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 230, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 230, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 230, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 230,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0182, 80.2334, 78.4451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 230, 219) }
```

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

```
.background{ background-color: rgb(240,  
230, 219) }
```

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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