

Converting Colors

XYZ(77.4731, 80.4980, 76.9857)

Have a look what the booklet for
XYZ(77.4731, 80.4980, 76.9857)
contains.

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Color

**XYZ(77.4391, 80.4806,
77.0985)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E6D9
RGB	242, 230, 217
RGB Percent	95%, 90%, 85%
CMY	0.0510, 0.0980, 0.1490
CMYK	0.00, 0.05, 0.10, 0.05
HSL	31°, 49%, 90%
HSV	31°, 10%, 95%
XYZ	77.4391, 80.4806, 77.0985
YIQ	232.1060, 11.3250, -1.4990

Conversions

Conversions Part 2

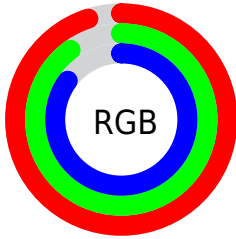
Format	Color
R_{YB}	240, 242, 217
Decimal	15918809
CIE _{Lab}	91.90, 1.91, 7.77
CIE _{LCh}	92, 8.003, 76.217
Yxy	80.4806, 0.3295, 0.3424
Android (android.graphics.Color)	4294108889 (0xFFFF2E6D9)
YUV	232.1060, -7.4473, 8.6770
Hunter-Lab	89.7110, -2.9119, 11.8433

Details

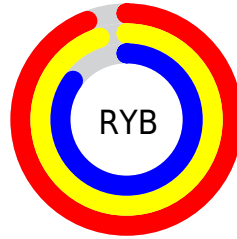
The XYZ color **77.4391, 80.4806, 77.0985** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.6614, 77.1997, 95.0765**, and the grayscale version is **76.8310, 80.8322, 88.0263**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1013, 43.7077, 40.3999** is the 20% darker color. If you saturate the color by 10%, you get **71.3955, 73.0663, 60.6764**, and if you desaturate by 10%, it is **84.1640, 88.5171, 96.0268**.

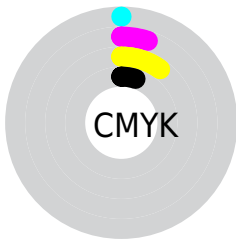
Distribution



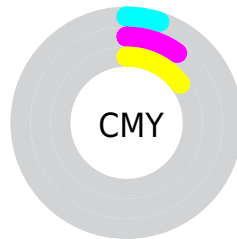
- Red (95%)
- Green (90%)
- Blue (85%)



- Red (94%)
- Yellow (95%)
- Blue (85%)



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



- Cyan (5%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4391, 80.4806, 77.0985 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 77.4391, 80.4806, 77.0985 by changing the saturation by 10% instead.

77.4391, 80.4806,
77.0985

77.4391, 80.4806,
77.0985

475.1289,
496.5510, 504.5464

57.9145, 60.1139,
56.8217

128.7287,
134.0412, 131.0528

41.9829, 43.5105,
40.4537

161.2244,
168.0039, 165.5673

29.2790, 30.2858,
27.5760

198.7745,
207.2675, 205.6649

19.4373, 20.0556,
17.7700

241.7444,
252.2162, 251.7640

12.0926, 12.4355,
10.6173

290.4994,
303.2345, 304.2831

6.8794, 7.0410,
5.6992

345.4050,

3.4324, 3.4878,

360.7068, 363.6409

2.5972

406.8263,
425.0175, 430.2558

■ 1.3864, 1.3914,
0.8910

■ 0.2465, 0.2103,
0.0000

■ 77.4391, 80.4806,
77.0985

■ 77.4391, 80.4806,
77.0985

■ 71.3955, 73.0663,
60.6764

■ 84.1640, 88.5171,
96.0268

■ 66.0025, 66.2474,
46.6486

■ 89.8659, 96.4927,
108.4963

■ 61.2365, 60.0102,
34.9023

■ 90.4283, 97.6174,
108.6837

■ 57.0697, 54.3365,
25.3135

■ 53.4722, 49.2071,
17.7463

■ 50.4106, 44.6010,
12.0489

■ 47.8475, 40.4953,
8.0479

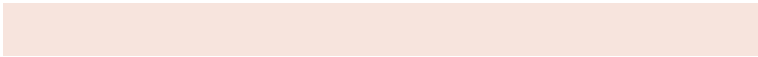
■ 45.7387, 36.8643,
5.5367

■ 44.0644, 33.7696,
4.1957

Harmonies

Analogous

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



79.2594, 80.4806, 79.7157



77.4391, 80.4806, 77.0985



75.3969, 80.4806, 77.2127

Triad

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



77.4391, 80.4806, 77.0985



72.7649, 80.4806, 90.8261



79.3809, 80.4806, 95.6903

Complementary

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



77.4391, 80.4806, 77.0985



72.6614, 77.1997, 95.0765

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.



77.6025, 80.4806, 98.9439



77.4391, 80.4806, 77.0985



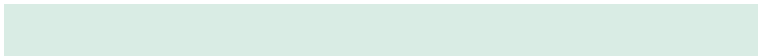
73.7944, 80.4806, 96.0508

Square

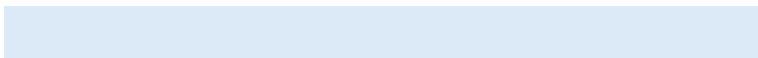
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.4391, 80.4806, 77.0985



72.7229, 80.4806, 84.9627



75.5574, 80.4806, 99.0787



80.3940, 80.4806, 90.3519

Rectangle

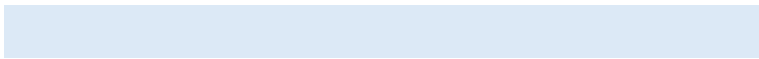
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.4391, 80.4806, 77.0985



74.1849, 80.4806, 78.8184



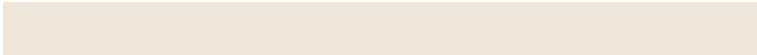
75.5574, 80.4806, 99.0787



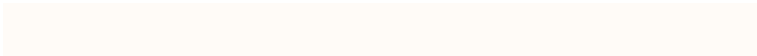
78.8514, 80.4806, 97.0743

Sweetspot

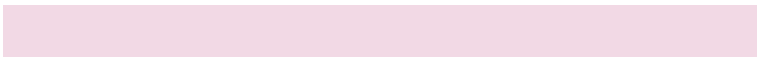
The Sweet Spot groups the original color and five complimentary colors.



77.4413, 80.4841, 77.1002



92.6828, 97.1974, 102.1552



75.5862, 74.1659, 84.5224



19.7051, 20.6462, 21.4891



0.0000, 0.0000, 0.0000



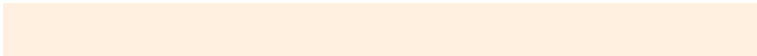
20.3446, 21.4041, 23.3091

Same Dimension

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



77.4413, 80.4841, 77.1002



86.0025, 89.1709, 83.4846



80.7524, 87.3184, 78.2449



16.4531, 17.1193, 16.5869



23.8094, 18.4168, 2.2999



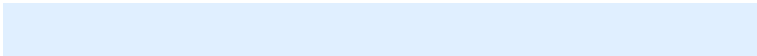
2.0803, 1.7313, 0.2245

Inverse Universe

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



72.6614, 77.1997, 95.0765



79.8052, 84.9126, 106.7913



69.5803, 70.8534, 94.0139



15.5230, 16.4802, 20.0845



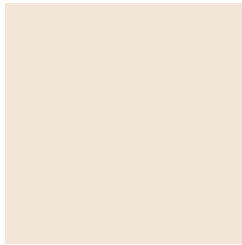
12.1073, 10.4389, 46.5047



1.1063, 1.0666, 3.9018

Previews

White Background



This preview shows how the XYZ color 77.4391, 80.4806, 77.0985 looks on a white background.

Color Contrast Check

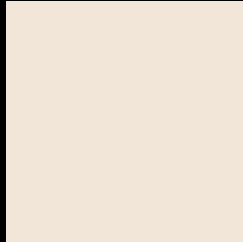
Large Text (above 18pt) WCAG AA × Fail

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 77.4391, 80.4806, 77.0985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

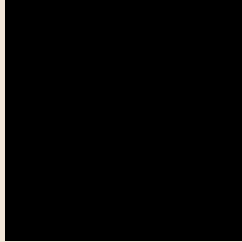
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4391, 80.4806, 77.0985

Background



This preview shows how black text looks on a background with the XYZ color 77.4391, 80.4806, 77.0985.



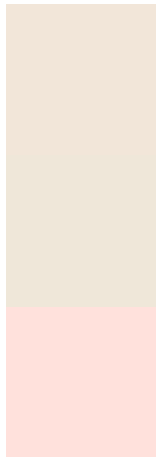
This preview shows how white text looks on a background with the XYZ color 77.4391, 80.4806,

77.0985.

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

77.4391, 80.4806, 77.0985

Protanopia

76.6969, 80.5123, 77.1437

Deuteranopia

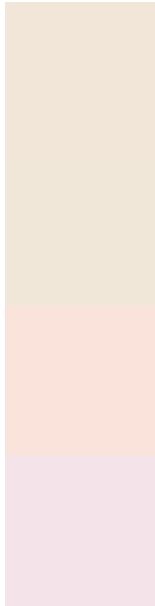
81.0835, 80.2777, 78.9317



Tritanopia

81.5315, 80.5172, 96.8321

Trichromacy



Original Color

77.4391, 80.4806, 77.0985

Protanomaly

77.0355, 80.6868, 77.1596

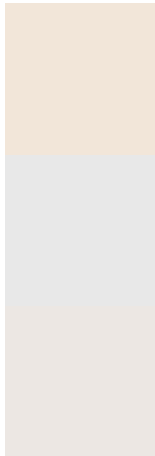
Deuteranomaly

79.6796, 80.3766, 78.3325

Tritanomaly

79.9766, 80.2912, 89.1244

Monochromacy



Original Color

77.4391, 80.4806, 77.0985

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.0331, 80.5307, 84.1570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4391, 80.4806, 77.0985 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, 230, 217) looks like.

```
.text, #text, p{  
    color:rgb(242, 230, 217)  
}
```

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, 230, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 230, 217) }
```

Border

The CSS property to change the border of an element to XYZ 77.4391, 80.4806, 77.0985 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, 230, 217) }
```


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

```
.border{ border-color:rgb(242, 230, 217) }
```

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

Here you see how a box with a 4 pixel rgb(242, 230, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 230, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 230, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 230,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4391, 80.4806, 77.0985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 230, 217) }
```

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

```
.background{ background-color: rgb(242,  
230, 217) }
```

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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