

Converting Colors

XYZ(76.6709, 80.6074, 71.0714)

Have a look what the booklet for
XYZ(76.6709, 80.6074, 71.0714)
contains.

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Color

**XYZ(76.5790, 80.5831,
71.1925)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E7D0
RGB	242, 231, 208
RGB Percent	95%, 91%, 82%
CMY	0.0510, 0.0941, 0.1843
CMYK	0.00, 0.05, 0.14, 0.05
HSL	41°, 57%, 88%
HSV	41°, 14%, 95%
XYZ	76.5790, 80.5831, 71.1925
YIQ	231.6670, 13.9390, -4.8210

Conversions

Conversions Part 2

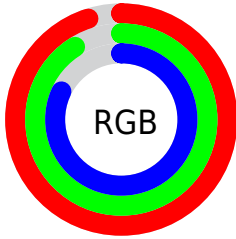
Format	Color
RYB	224, 242, 208
Decimal	15919056
CIELab	91.95, -0.03, 12.52
CIELCh	92, 12.525, 90.119
Yxy	80.5831, 0.3354, 0.3529
Android (android.graphics.Color)	4294109136 (0xFFFF2E7D0)
YUV	231.6670, -11.6678, 9.0620
Hunter-Lab	89.7681, -4.8201, 15.8165

Details

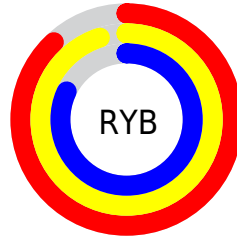
The XYZ color **76.5790, 80.5831, 71.1925** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **67.3708, 70.4824, 94.0587**, and the grayscale version is **76.5318, 80.5174, 87.6834**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4124, 43.4321, 36.7724** is the 20% darker color. If you saturate the color by 10%, you get **71.6849, 75.2013, 55.9756**, and if you desaturate by 10%, it is **82.0297, 86.3497, 88.8381**.

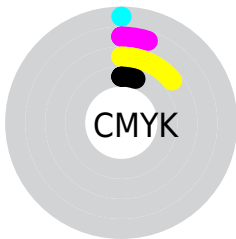
Distribution



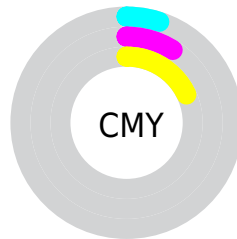
- Red (95%)
- Green (91%)
- Blue (82%)



- Red (88%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5790, 80.5831, 71.1925 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 76.5790, 80.5831, 71.1925 by changing the saturation by 10% instead.


 76.5790, 80.5831,
71.1925

 76.5790, 80.5831,
71.1925


472.2414,
496.8958, 483.6279

 57.2061, 60.1983,
52.0165


127.5210,
134.1852, 122.6048

 41.4115, 43.5785,
36.6359


159.8209,
168.1714, 155.6782

 28.8299, 30.3393,
24.6321


197.1605,
207.4600, 194.2211

 19.0958, 20.0962,
15.5867

239.9051,
252.4357, 238.6521

 11.8439, 12.4650,
9.0810

288.4202,
303.4827, 289.3898

 6.7089, 7.0612,
4.6965

343.0710,

 3.3255, 3.5004,

360.9854, 346.8526

2.0147

404.2229,
425.3283, 411.4591

■ 1.3281, 1.3982,
0.5643

■ 0.2041, 0.2154,
0.0000

■ 76.5790, 80.5831,
71.1925

■ 76.5790, 80.5831,
71.1925

■ 71.6849, 75.2013,
55.9756

■ 82.0297, 86.3497,
88.8381

■ 67.3192, 70.1828,
43.0738

■ 87.8245, 92.4099,
107.8158

■ 63.4606, 65.5198,
32.3720

■ 90.2639, 97.2887,
108.6289

■ 60.0838, 61.2000,
23.7432

■ 90.4282, 97.6174,
108.6837

■ 57.1609, 57.2102,
17.0471

■ 54.6607, 53.5356,
12.1260

■ 52.5470, 50.1596,
8.7972

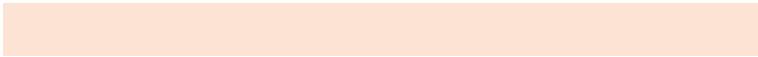
■ 50.7763, 47.0624,
6.8376

■ 49.8472, 45.3354,
6.1234

Harmonies

Analogous

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



79.7149, 80.5831, 73.2608



76.5790, 80.5831, 71.1925



73.5298, 80.5831, 73.2934

Triad

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



76.5790, 80.5831, 71.1925



71.3652, 80.5831, 96.9337



82.0810, 80.5831, 96.8658

Complementary

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



76.5790, 80.5831, 71.1925



67.3708, 70.4824, 94.0587

Split Complementary

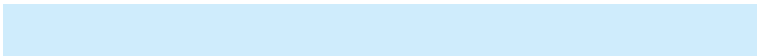
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7377, 80.5831, 103.9731



76.5790, 80.5831, 71.1925



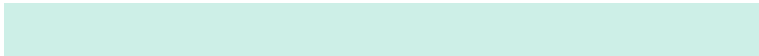
73.5514, 80.5831, 104.0142

Square

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



76.5790, 80.5831, 71.1925



70.5716, 80.5831, 87.7780



76.6046, 80.5831, 106.6743



82.9451, 80.5831, 87.7046

Rectangle

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



76.5790, 80.5831, 71.1925



71.9428, 80.5831, 76.8660



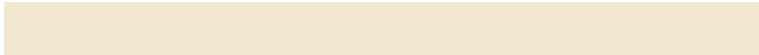
76.6046, 80.5831, 106.6743



81.4370, 80.5831, 99.5968

Sweetspot

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



76.5812, 80.5867, 71.1942



92.4076, 97.2738, 100.1315



72.0049, 69.1222, 76.7960



19.6752, 20.7125, 21.0903



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.



76.5812, 80.5867, 71.1942



84.5292, 88.8952, 74.7594



77.8409, 85.9490, 72.1629



16.6669, 17.5470, 16.6582



26.9074, 24.6129, 3.3326



2.3282, 2.2272, 0.3072

Inverse Universe

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



67.3708, 70.4824, 94.0587



72.2070, 75.3779, 105.3514



66.2183, 65.7698, 93.2098



15.3146, 16.0633, 20.0150



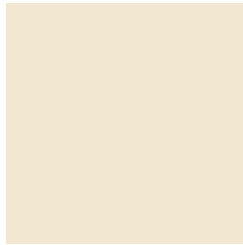
10.1931, 6.6105, 45.8666



0.9349, 0.7237, 3.8446

Previews

White Background



This preview shows how the XYZ color 76.5790, 80.5831, 71.1925 looks on a white background.

Color Contrast Check

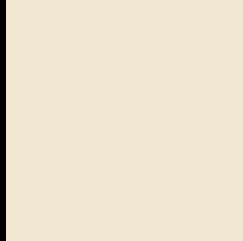
Large Text (above 18pt) WCAG AA × Fail

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 76.5790, 80.5831, 71.1925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

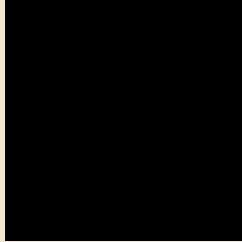
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

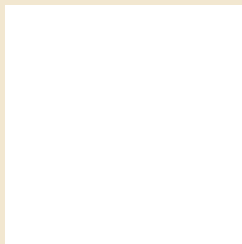
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5790, 80.5831, 71.1925

Background



This preview shows how black text looks on a background with the XYZ color 76.5790, 80.5831, 71.1925.

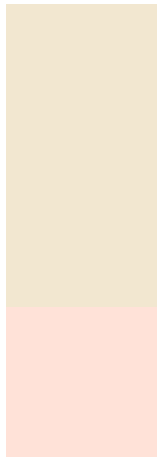


This preview shows how white text looks on a background with the XYZ color 76.5790, 80.5831,

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

76.5790, 80.5831, 71.1925

Protanopia

76.5790, 80.5831, 71.1925

Deuteranopia

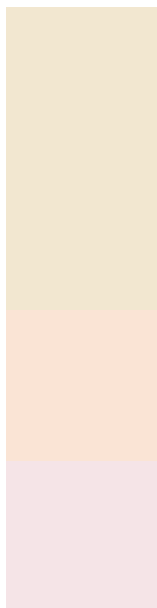
80.8310, 80.6106, 76.2649



Tritanopia

81.8833, 80.6985, 96.8486

Trichromacy



Original Color

76.5790, 80.5831, 71.1925

Protanomaly

76.5790, 80.5831, 71.1925

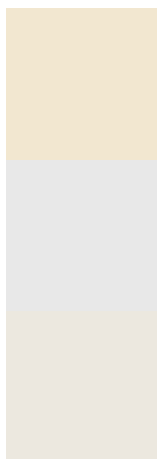
Deuteranomaly

79.1780, 80.6149, 74.3379

Tritanomaly

79.8234, 80.6688, 86.9648

Monochromacy



Original Color

76.5790, 80.5831, 71.1925

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.7680, 80.8738, 81.3761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5790, 80.5831, 71.1925 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, 231, 208) looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 208)  
}
```

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, 231, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 208) }
```

Border

The CSS property to change the border of an element to XYZ 76.5790, 80.5831, 71.1925 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, 231, 208) }
```


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

```
.border{ border-color:rgb(242, 231, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 231, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 231, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 231, 208); box-shadow:4px 4px 4px 4px rgb(242, 231, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5790, 80.5831, 71.1925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 231, 208) }
```

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

```
.background{ background-color: rgb(242,  
231, 208) }
```

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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