

Converting Colors

XYZ(71.3183, 79.0316, 57.8013)

Have a look what the booklet for
XYZ(71.3183, 79.0316, 57.8013)
contains.

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Color

**XYZ(71.2806, 78.9788,
57.9419)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E9BA
RGB	232, 233, 186
RGB Percent	91%, 91%, 73%
CMY	0.0902, 0.0863, 0.2706
CMYK	0.00, 0.00, 0.20, 0.09
HSL	61°, 52%, 82%
HSV	61°, 20%, 91%
XYZ	71.2806, 78.9788, 57.9419
YIQ	227.3430, 14.4910, -14.8290

Conversions

Conversions Part 2

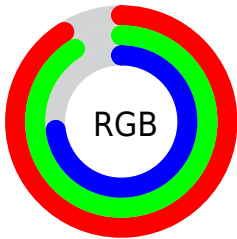
Format	Color
R_{YB}	186, 233, 187
Decimal	15264186
CIE _{Lab}	91.22, -7.91, 22.80
CIE _{LCh}	91, 24.130, 109.124
Yxy	78.9788, 0.3424, 0.3793
Android (android.graphics.Color)	4293454266 (0xFFE8E9BA)
YUV	227.3430, -20.3821, 4.0842
Hunter-Lab	88.8700, -12.3518, 23.5528

Details

The XYZ color **71.2806, 78.9788, 57.9419** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.7633, 51.5678, 84.2678**, and the grayscale version is **73.4015, 77.2241, 84.0971**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **37.8603, 42.3678, 28.3727** is the 20% darker color. If you saturate the color by 10%, you get **68.8422, 77.9874, 45.9349**, and if you desaturate by 10%, it is **74.1276, 80.1390, 72.0796**.

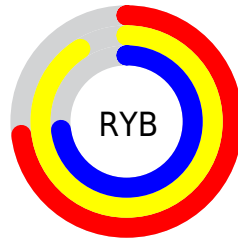
Distribution



Red (91%)

Green (91%)

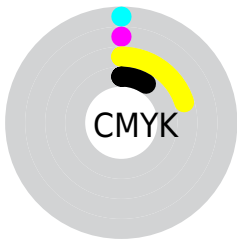
Blue (73%)



Red (73%)

Yellow (91%)

Blue (73%)

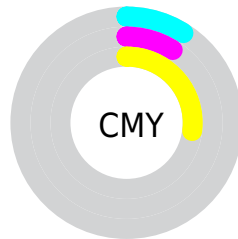


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (9%)



Cyan (9%)


Magenta (9%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2806, 78.9788, 57.9419 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 71.2806, 78.9788, 57.9419 by changing the saturation by 10% instead.


 71.2806, 78.9788,
57.9419

 71.2806, 78.9788,
57.9419


454.2303,
491.4846, 434.5616

 52.8546, 58.8784,
41.3475


 120.0495,
131.9290, 103.3522

 37.9137, 42.5152,
28.2690


151.1231,
165.5476, 133.0052

 26.0926, 29.5049,
18.2877


187.1433,
204.4410, 167.8482

 17.0260, 19.4631,
10.9852

228.4754,
248.9937, 208.2997

 10.3484, 12.0054,
5.9428

275.4849,
299.5900, 254.7782

 5.6946, 6.7474,
2.7421

328.5369,

 2.6992, 3.3046,

356.6143, 307.7024

0.9645

387.9969,
420.4511, 367.4907

■ 0.9968, 1.2928,
0.0000

■ 0.0000, 0.1356,
0.0000

■ 71.2806, 78.9788,
57.9419

■ 71.2806, 78.9788,
57.9419

■ 68.8422, 77.9874,
45.9349

■ 74.1276, 80.1390,
72.0796

■ 66.7865, 77.1466,
35.9507


■ 77.3952, 81.4648,
88.4390


■ 65.0946, 76.4513,
27.8793


■ 80.9568, 82.9082,
106.3438


■ 63.7432, 75.8922,
21.5985


■ 81.1201, 82.9924,
106.3514


 62.7063, 75.4590,
16.9719


 81.2839, 83.0769,
106.3591


 61.9545, 75.1399,
13.8434

 81.4482, 83.1616,
106.3667

 61.4523, 74.9207,
12.0275

 81.6129, 83.2465,
106.3745

 61.1431, 74.7790,
11.2112

 81.7781, 83.3316,
106.3822

 81.9437, 83.4170,
106.3899

Harmonies

Analogous

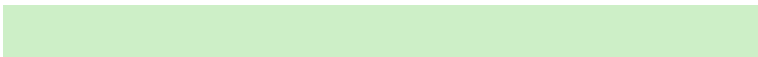
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3075, 78.9788, 56.9839



71.2806, 78.9788, 57.9419



66.5231, 78.9788, 65.7866

Triad

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



71.2806, 78.9788, 57.9419



67.6323, 78.9788, 114.0509



87.2155, 78.9788, 92.5060

Complementary

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



71.2806, 78.9788, 57.9419



52.7633, 51.5678, 84.2678

Split Complementary

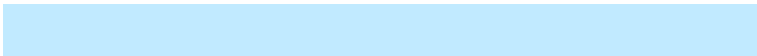
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3128, 78.9788, 109.9670



71.2806, 78.9788, 57.9419



72.8702, 78.9788, 123.4824

Square

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



71.2806, 78.9788, 57.9419



64.4972, 78.9788, 97.5044



78.9851, 78.9788, 121.8939



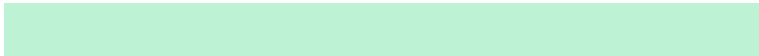
86.7328, 78.9788, 75.4280

Rectangle

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



71.2806, 78.9788, 57.9419



64.6084, 78.9788, 74.5445



78.9851, 78.9788, 121.8939



86.5974, 78.9788, 98.5607

Sweetspot

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



71.2827, 78.9823, 57.9436



92.5634, 98.9915, 96.4333



60.1941, 56.3195, 54.1536



19.7569, 21.1657, 20.3633



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.



71.2827, 78.9823, 57.9436



86.2354, 96.4187, 64.9868



64.2192, 75.3409, 57.6130



16.3182, 17.6096, 16.0577



34.7063, 42.4362, 6.3618



2.7354, 3.3375, 0.5000

Inverse Universe

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



52.7633, 51.5678, 84.2678



59.8310, 57.3312, 102.5203



58.9283, 54.7460, 84.5563



14.2610, 14.5643, 18.9818



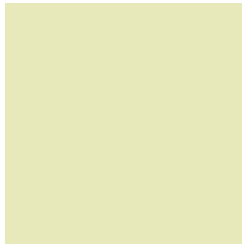
8.3941, 3.3632, 43.9497



0.6697, 0.2695, 3.4516

Previews

White Background



This preview shows how the XYZ color 71.2806, 78.9788, 57.9419 looks on a white background.

Color Contrast Check

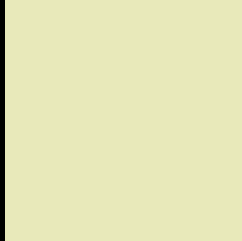
Large Text (above 18pt) WCAG AA × Fail

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 71.2806, 78.9788, 57.9419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

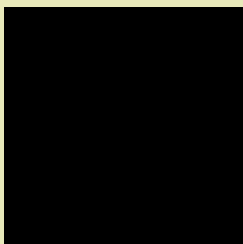
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

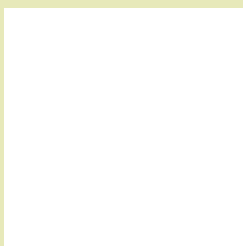
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2806, 78.9788, 57.9419

Background



This preview shows how black text looks on a background with the XYZ color 71.2806, 78.9788, 57.9419.

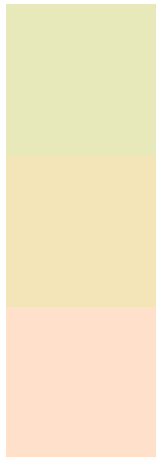


This preview shows how white text looks on a background with the XYZ color 71.2806, 78.9788,

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

71.2806, 78.9788, 57.9419

Protanopia

73.9793, 78.7324, 56.6451

Deuteranopia

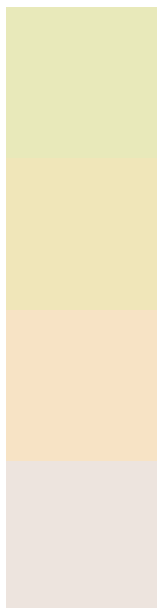
78.6751, 78.8831, 67.5792



Tritanopia

79.0381, 78.8468, 95.8472

Trichromacy



Original Color

71.2806, 78.9788, 57.9419

Protanomaly

72.9890, 78.6217, 57.2275

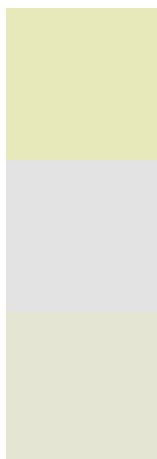
Deuteranomaly

75.9049, 78.7435, 64.0217

Tritanomaly

75.8533, 78.7653, 80.3126

Monochromacy



Original Color

71.2806, 78.9788, 57.9419

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.2161, 77.4501, 73.4305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2806, 78.9788, 57.9419 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(232, 233, 186)` looks like.

```
.text, #text, p{  
    color:rgb(232, 233, 186)  
}
```

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(232, 233, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 233, 186) }
```

Border

The CSS property to change the border of an element to XYZ 71.2806, 78.9788, 57.9419 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(232, 233, 186) }
```


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

```
.border{ border-color:rgb(232, 233, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 233, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 233, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 233, 186);  
box-shadow:4px 4px 4px 4px rgb(232, 233,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2806, 78.9788, 57.9419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 233, 186) }
```

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

```
.background{ background-color: rgb(232,  
233, 186) }
```

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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