

Converting Colors

XYZ(79.2187, 86.3613, 61.4730)

Have a look what the booklet for
XYZ(79.2187, 86.3613, 61.4730)
contains.

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Color

**XYZ(79.1073, 86.4025,
61.2231)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F1BE
RGB	247, 241, 190
RGB Percent	97%, 95%, 75%
CMY	0.0314, 0.0549, 0.2549
CMYK	0.00, 0.02, 0.23, 0.03
HSL	54°, 78%, 86%
HSV	54°, 23%, 97%
XYZ	79.1073, 86.4025, 61.2231
YIQ	236.9800, 19.9470, -14.5890

Conversions

Conversions Part 2

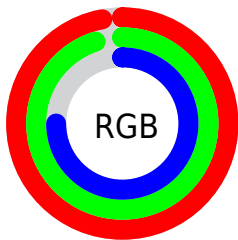
Format	Color
RYB	197, 247, 190
Decimal	16249278
CIELab	94.48, -5.90, 25.41
CIELCh	94, 26.091, 103.074
Yxy	86.4025, 0.3489, 0.3811
Android (android.graphics.Color)	4294439358 (0xFFFF7F1BE)
YUV	236.9800, -23.1611, 8.7875
Hunter-Lab	92.9529, -10.7558, 26.0159

Details

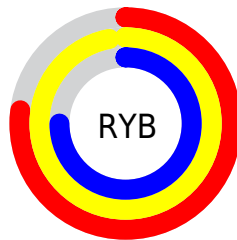
The XYZ color **79.1073, 86.4025, 61.2231** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.7633, 57.1409, 95.9808**, and the grayscale version is **80.6447, 84.8445, 92.3957**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **43.0281, 47.4226, 30.1782** is the 20% darker color. If you saturate the color by 10%, you get **75.8707, 83.8893, 47.9350**, and if you desaturate by 10%, it is **82.8170, 89.1284, 76.9280**.

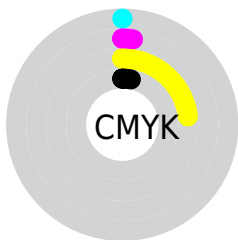
Distribution



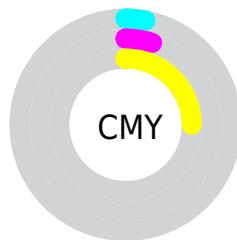
- Red (97%)
- Green (95%)
- Blue (75%)



- Red (77%)
- Yellow (97%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (23%)
- Black (3%)



- Cyan (3%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1073, 86.4025, 61.2231 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 79.1073, 86.4025, 61.2231 by changing the saturation by 10% instead.

79.1073, 86.4025,
61.2231

79.1073, 86.4025,
61.2231

480.7017,
516.2575, 447.0207

59.2900, 65.0009,
43.9735

131.0670,
142.3310, 108.1626

43.0939, 47.4618,
30.3126

163.9402,
177.6267, 138.6896

30.1536, 33.4009,
19.8220

201.8959,
218.3225, 174.4794

20.1039, 22.4337,
12.0829

245.2997,
264.8029, 215.9507

12.5793, 14.1759,
6.6769

294.5168,
317.4522, 263.5219

7.2145, 8.2431,
3.1855

349.9126,

3.6441, 4.2509,

376.6547, 317.6116

1.1901

411.8524,
442.7951, 378.6384

■ 1.5028, 1.8149,
0.0000

■ 0.3278, 0.4964,
0.0000

■ 79.1073, 86.4025,
61.2231

■ 79.1073, 86.4025,
61.2231

■ 75.8707, 83.8893,
47.9350

■ 82.8170, 89.1284,
76.9280

■ 73.0772, 81.5679,
36.9369

■ 87.0144, 92.0641,
95.1571

■ 70.7041, 79.4319,
28.0985

■ 90.2214, 94.6212,
108.1163

■ 68.7236, 77.4704,
21.2744

■ 91.0290, 96.2364,
108.3855

■ 67.1048, 75.6708,
16.3013

■ 91.8477, 97.8738,
108.6584

■ 65.8116, 74.0186,
12.9903

■ 92.1679, 98.5142,
108.7651

■ 64.8006, 72.4964,
11.1124

■ 64.2211, 71.5007,
10.4162

Harmonies

Analogous

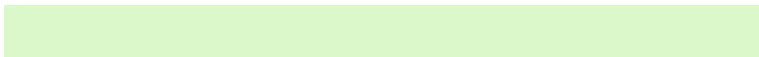
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1157, 86.4025, 61.7295



79.1073, 86.4025, 61.2231



73.2453, 86.4025, 68.5708

Triad

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



79.1073, 86.4025, 61.2231



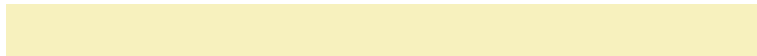
72.6525, 86.4025, 123.0247



95.7249, 86.4025, 105.7868

Complementary

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



79.1073, 86.4025, 61.2231



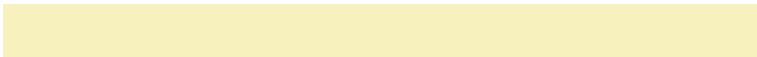
57.7633, 57.1409, 95.9808

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.



91.6905, 86.4025, 125.2349



79.1073, 86.4025, 61.2231



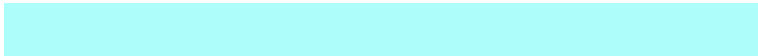
78.2556, 86.4025, 136.1178

Square

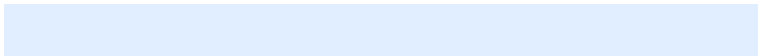
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1073, 86.4025, 61.2231



69.6642, 86.4025, 103.0960



85.2144, 86.4025, 136.9799



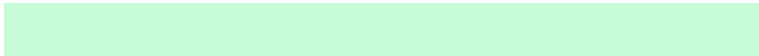
95.9852, 86.4025, 85.6012

Rectangle

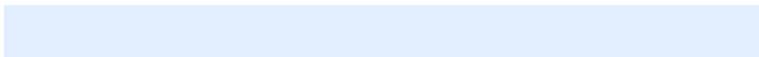
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1073, 86.4025, 61.2231



70.6666, 86.4025, 77.6356



85.2144, 86.4025, 136.9799



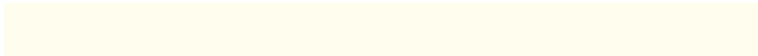
94.7551, 86.4025, 112.6912

Sweetspot

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



79.1095, 86.4064, 61.2249



91.7121, 97.7114, 94.2622



66.8100, 60.6173, 60.7934



19.5712, 20.8732, 19.9197



0.0000, 0.0000, 0.0000



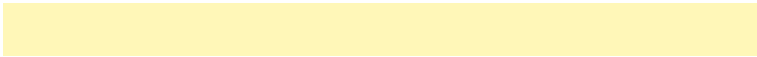
20.3446, 21.4041, 23.3091

Same Dimension

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



79.1095, 86.4064, 61.2249



83.2611, 91.5265, 58.4059



73.6538, 86.2713, 61.4864



17.7571, 18.9983, 17.5287



34.0270, 37.9397, 5.5297



3.0326, 3.4184, 0.5000

Inverse Universe

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



57.7633, 57.1409, 95.9808



56.3759, 54.6699, 102.1888



62.3110, 57.5182, 95.8139



15.7214, 16.2071, 20.8422



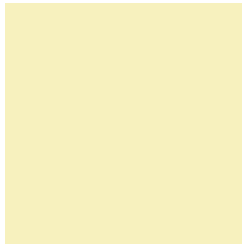
9.1216, 4.0370, 46.8365



0.8473, 0.4460, 4.1317

Previews

White Background



This preview shows how the XYZ color 79.1073, 86.4025, 61.2231 looks on a white background.

Color Contrast Check

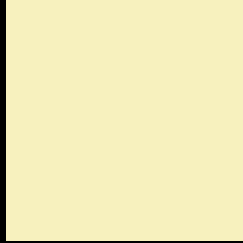
Large Text (above 18pt) WCAG AA × Fail

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 79.1073, 86.4025, 61.2231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

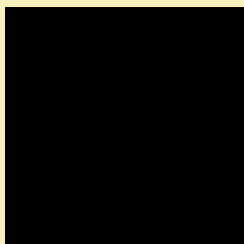
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1073, 86.4025, 61.2231

Background



This preview shows how black text looks on a background with the XYZ color 79.1073, 86.4025, 61.2231.



This preview shows how white text looks on a background with the XYZ color 79.1073, 86.4025,

61.2231.

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

79.1073, 86.4025, 61.2231

Protanopia

80.9249, 86.4780, 60.5708

Deuteranopia

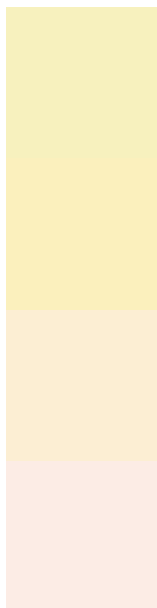
84.5547, 86.5786, 82.0669



Tritanopia

87.7915, 86.5029, 103.3364

Trichromacy



Original Color

79.1073, 86.4025, 61.2231

Protanomaly

80.1291, 86.5035, 60.6177

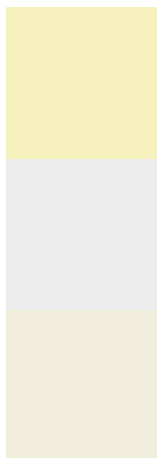
Deuteranomaly

82.4773, 86.5477, 73.9864

Tritanomaly

84.2832, 86.3435, 86.3525

Monochromacy



Original Color

79.1073, 86.4025, 61.2231

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.7684, 85.0172, 79.9159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1073, 86.4025, 61.2231 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(247, 241, 190)` looks like.

```
.text, #text, p{  
    color:rgb(247, 241, 190)  
}
```

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(247, 241, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 241, 190) }
```

Border

The CSS property to change the border of an element to XYZ 79.1073, 86.4025, 61.2231 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(247, 241, 190) }
```


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

```
.border{ border-color:rgb(247, 241, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 241, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 241, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 241, 190);  
box-shadow:4px 4px 4px 4px rgb(247, 241,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1073, 86.4025, 61.2231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 241, 190) }
```

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

```
.background{ background-color: rgb(247,  
241, 190) }
```

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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