

Converting Colors

XYZ(78.1877, 81.6157, 71.5724)

Have a look what the booklet for
XYZ(78.1877, 81.6157, 71.5724)
contains.

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Color

**XYZ(78.2478, 81.8601,
71.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E8D0
RGB	246, 232, 208
RGB Percent	96%, 91%, 82%
CMY	0.0353, 0.0902, 0.1843
CMYK	0.00, 0.06, 0.15, 0.04
HSL	38°, 68%, 89%
HSV	38°, 15%, 96%
XYZ	78.2478, 81.8601, 71.3510
YIQ	233.4500, 16.0480, -4.4960

Conversions

Conversions Part 2

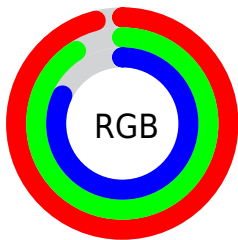
Format	Color
RYB	230, 246, 208
Decimal	16181456
CIELab	92.51, 0.88, 13.37
CIELCh	93, 13.403, 86.216
Yxy	81.8601, 0.3381, 0.3537
Android (android.graphics.Color)	4294371536 (0xFFFF6E8D0)
YUV	233.4500, -12.5468, 11.0064
Hunter-Lab	90.4766, -3.9600, 16.5767

Details

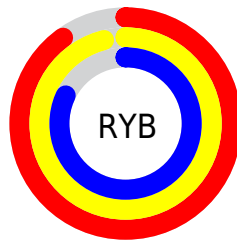
The XYZ color **78.2478, 81.8601, 71.3510** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **68.7680, 72.3048, 97.5212**, and the grayscale version is **77.8762, 81.9319, 89.2238**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3443, 44.2026, 36.8720** is the 20% darker color. If you saturate the color by 10%, you get **72.9687, 75.7751, 55.7995**, and if you desaturate by 10%, it is **84.1323, 88.4032, 89.4222**.

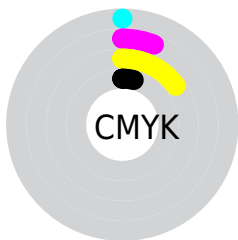
Distribution



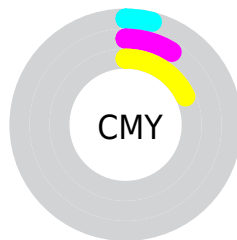
- Red (96%)
- Green (91%)
- Blue (82%)



- Red (90%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2478, 81.8601, 71.3510 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 78.2478, 81.8601, 71.3510 by changing the saturation by 10% instead.

78.2478, 81.8601,
71.3510

78.2478, 81.8601,
71.3510

477.8349,
501.1796, 484.1962

58.5811, 61.2502,
52.1451

129.8629,
135.9778, 122.8325

42.5210, 44.4271,
36.7377

162.5420,
170.2544, 155.9452

29.7024, 31.0064,
24.7103

200.2892,
209.8554, 194.5305

19.7597, 20.6038,
15.6443

243.4699,
255.1651, 239.0071

12.3278, 12.8347,
9.1212

292.4495,
306.5680, 289.7934

7.0411, 7.3148,
4.7224

347.5933,

3.5344, 3.6597,

364.4485, 347.3080

2.0295

409.2666,
429.1909, 411.9694

■ 1.4422, 1.4851,
0.5733

■ 0.2860, 0.2782,
0.0000

■ 78.2478, 81.8601,
71.3510

■ 78.2478, 81.8601,
71.3510

■ 72.9687, 75.7751,
55.7995

■ 84.1323, 88.4032,
89.4222

■ 68.2648, 70.1247,
42.6482

■ 90.2811, 95.2626,
108.2369

■ 64.1131, 64.8992,
31.7757

■ 91.8163, 98.3330,
108.7487

■ 60.4863, 60.0844,
23.0478

■ 57.3540, 55.6648,
16.3161

■ 54.6826, 51.6234,
11.4130

■ 52.4327, 47.9411,
8.1433

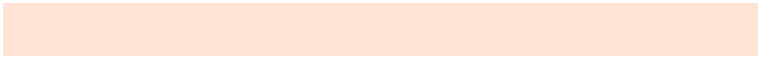
■ 50.5566, 44.5950,
6.2658

■ 49.7944, 43.1691,
5.7080

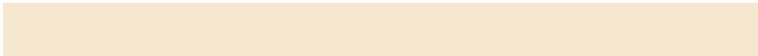
Harmonies

Analogous

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



81.5845, 81.8601, 74.1393



78.2478, 81.8601, 71.3510



74.8880, 81.8601, 73.0269

Triad

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



78.2478, 81.8601, 71.3510



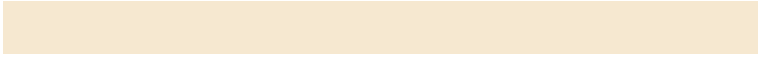
71.9577, 81.8601, 97.8649



83.4984, 81.8601, 100.2138

Complementary

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



78.2478, 81.8601, 71.3510



68.7680, 72.3048, 97.5212

Split Complementary

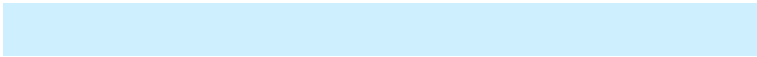
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7980, 81.8601, 107.4457



78.2478, 81.8601, 71.3510



74.1451, 81.8601, 106.0202

Square

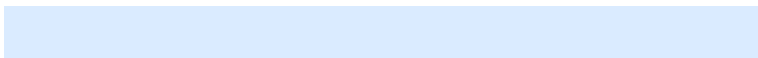
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2478, 81.8601, 71.3510



71.3203, 81.8601, 87.8736



77.3650, 81.8601, 109.6452



84.6725, 81.8601, 90.4018

Rectangle

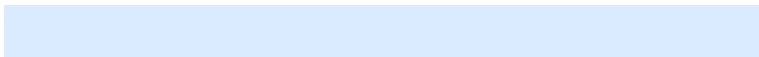
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2478, 81.8601, 71.3510



73.0757, 81.8601, 76.5230



77.3650, 81.8601, 109.6452



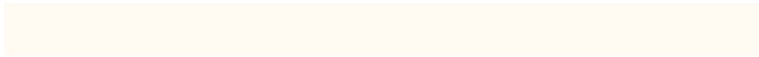
82.7352, 81.8601, 103.0546

Sweetspot

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



78.2500, 81.8637, 71.3527



91.5848, 96.2463, 97.9518



73.8237, 70.0101, 79.1295



19.5016, 20.4899, 20.6487



0.0000, 0.0000, 0.0000



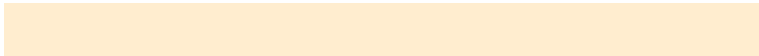
20.3446, 21.4041, 23.3091

Same Dimension

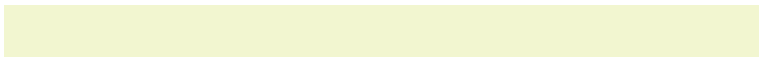
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2500, 81.8637, 71.3527



82.7770, 86.4019, 71.0579



80.8111, 89.2670, 72.6467



17.3717, 18.2276, 17.4003



26.7167, 23.3189, 3.0929



2.4461, 2.2454, 0.3045

Inverse Universe

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



68.7680, 72.3048, 97.5212



70.4182, 73.9439, 105.1689



66.4680, 65.8283, 96.3923



16.0810, 16.9262, 20.9621



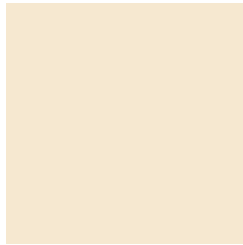
10.9799, 7.7536, 47.4559



1.0597, 0.8708, 4.2025

Previews

White Background



This preview shows how the XYZ color 78.2478, 81.8601, 71.3510 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 78.2478, 81.8601, 71.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

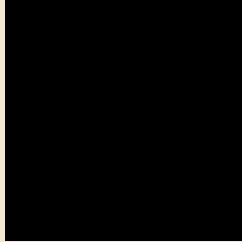
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.2478, 81.8601, 71.3510

Background



This preview shows how black text looks on a background with the XYZ color 78.2478, 81.8601, 71.3510.

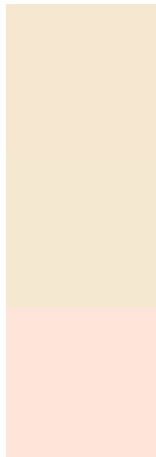


This preview shows how white text looks on a background with the XYZ color 78.2478, 81.8601,

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

78.2478, 81.8601, 71.3510

Protanopia

77.8323, 82.0650, 71.4124

Deuteranopia

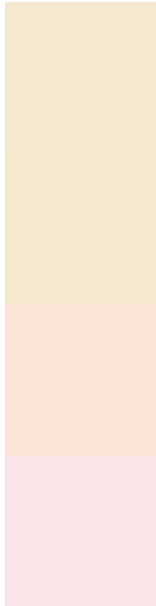
81.6383, 81.8088, 77.8175



Tritanopia

83.5819, 81.9791, 97.0063

Trichromacy



Original Color

78.2478, 81.8601, 71.3510

Protanomaly

78.1803, 82.2444, 71.4287

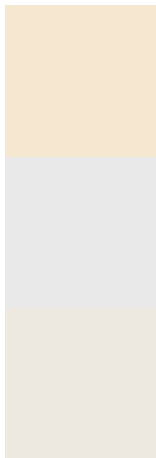
Deuteranomaly

80.3018, 81.5891, 75.1342

Tritanomaly

81.5100, 81.9479, 87.1228

Monochromacy



Original Color

78.2478, 81.8601, 71.3510

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.8534, 81.8368, 82.2138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2478, 81.8601, 71.3510 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(246, 232, 208)` looks like.

```
.text, #text, p{  
    color:rgb(246, 232, 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(246, 232, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 232, 208) }
```

Border

The CSS property to change the border of an element to XYZ 78.2478, 81.8601, 71.3510 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(246, 232, 208) }
```


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

```
.border{ border-color:rgb(246, 232, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 232, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 232, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 232, 208); box-shadow:4px 4px 4px 4px rgb(246, 232, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2478, 81.8601, 71.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 232, 208) }
```

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

```
.background{ background-color: rgb(246,  
232, 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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