

Converting Colors

XYZ(76.0800, 79.1041, 51.8162)

Have a look what the booklet for
XYZ(76.0800, 79.1041, 51.8162)
contains.

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Color

**XYZ(76.0800, 79.1041,
51.8162)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE3AF
RGB	254, 227, 175
RGB Percent	100%, 89%, 69%
CMY	0.0039, 0.1098, 0.3137
CMYK	0.00, 0.11, 0.31, 0.00
HSL	39°, 98%, 84%
HSV	39°, 31%, 100%
XYZ	76.0800, 79.1041, 51.8162
YIQ	229.1450, 32.7840, -10.4480

Conversions

Conversions Part 2

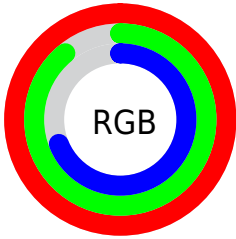
Format	Color
R_{YB}	216, 254, 175
Decimal	16704431
CIE _{Lab}	91.28, 1.83, 28.82
CIE _{LCh}	91, 28.879, 86.376
Y _{xy}	79.1041, 0.3675, 0.3821
Android (android.graphics.Color)	4294894511 (0xFFFE3AF)
Y _{UV}	229.1450, -26.6935, 21.7978
Hunter-Lab	88.9405, -2.9563, 27.7163

Details

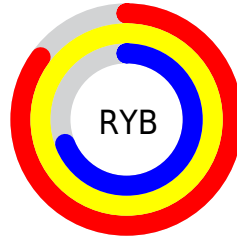
The XYZ color **76.0800, 79.1041, 51.8162** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.6887, 58.5092, 102.0718**, and the grayscale version is **74.7580, 78.6513, 85.6512**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **41.0303, 42.6460, 24.4813** is the 20% darker color. If you saturate the color by 10%, you get **71.5025, 73.5727, 39.1188**, and if you desaturate by 10%, it is **81.2505, 85.0698, 67.0280**.

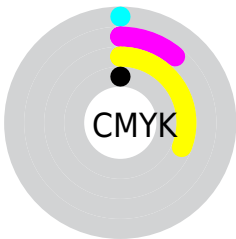
Distribution



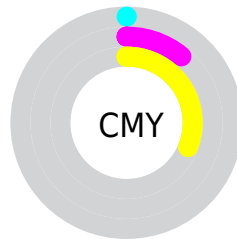
- Red (100%)
- Green (89%)
- Blue (69%)



- Red (85%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (11%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0800, 79.1041, 51.8162 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 76.0800, 79.1041, 51.8162 by changing the saturation by 10% instead.


 76.0800, 79.1041,
51.8162

 76.0800, 79.1041,
51.8162


470.5617,
491.9084, 410.6634

 56.7954, 58.9814,
36.4774


 126.8197,
132.1054, 94.2839

 41.0805, 42.5981,
24.5105


159.0056,
165.7528, 122.2499

 28.5699, 29.5699,
15.4970


196.2226,
204.6772, 155.2620

 18.8984, 19.5124,
9.0185

238.8360,
249.2630, 193.7388

 11.7004, 12.0411,
4.6563

287.2113,
299.8947, 238.0988

 6.6108, 6.7717,
1.9918

341.7138,

 3.2641, 3.3197,

356.9565, 288.7605

0.5503

402.7088,
420.8330, 346.1425

■ 1.2949, 1.3008,
0.0000

■ 0.1794, 0.1419,
0.0000

■ 76.0800, 79.1041,
51.8162

■ 76.0800, 79.1041,
51.8162

■ 71.5025, 73.5727,
39.1188

■ 81.2505, 85.0698,
67.0280

■ 67.4838, 68.4507,
28.7913

■ 87.0341, 91.4722,
84.8779

■ 63.9951, 63.7265,
20.6823

■ 93.4568, 98.3271,
105.4872

■ 61.0023, 59.3837,
14.6204

■ 94.6832, 99.8109,
108.8828

■ 58.4663, 55.4034,
10.4089

■ 56.3403, 51.7641,
7.8119

■ 54.7299, 48.7844,
6.5318

Harmonies

Analogous

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



83.2593, 79.1041, 56.7157



76.0800, 79.1041, 51.8162



69.1000, 79.1041, 54.8074

Triad

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



76.0800, 79.1041, 51.8162



63.2588, 79.1041, 105.3257



87.5365, 79.1041, 110.4577

Complementary

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



76.0800, 79.1041, 51.8162



56.6887, 58.5092, 102.0718

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.



81.6195, 79.1041, 127.5657



76.0800, 79.1041, 51.8162



67.6523, 79.1041, 124.2810

Square

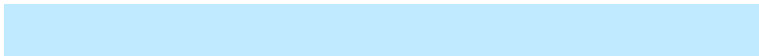
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0800, 79.1041, 51.8162



61.9856, 79.1041, 83.6059



74.2992, 79.1041, 132.9930



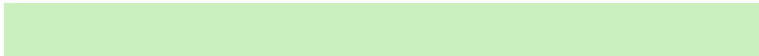
90.1390, 79.1041, 88.7062

Rectangle

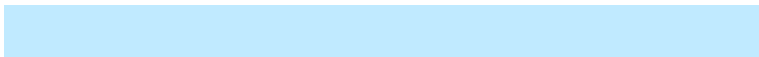
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0800, 79.1041, 51.8162



65.4430, 79.1041, 61.1878



74.2992, 79.1041, 132.9930



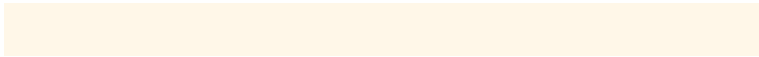
85.8511, 79.1041, 117.0705

Sweetspot

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



76.0820, 79.1077, 51.8178



89.1217, 93.7072, 89.7713



66.9415, 56.0268, 63.5684



18.8813, 19.8470, 18.5991



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

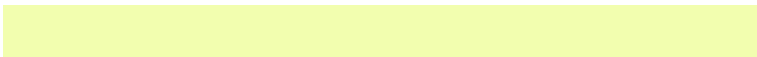
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0820, 79.1077, 51.8178



73.9659, 76.4682, 44.4180



79.8496, 92.8829, 54.2781



19.0079, 19.9841, 18.9998



28.9968, 26.0047, 3.4911



2.9249, 2.7352, 0.3738

Inverse Universe

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



56.6887, 58.5092, 102.0718



51.7231, 52.8519, 102.0831



53.6771, 48.3626, 100.2720



17.5104, 18.3924, 22.8771



11.3420, 7.5936, 50.3025



1.2011, 0.9329, 4.9300

Previews

White Background



This preview shows how the XYZ color 76.0800, 79.1041, 51.8162 looks on a white background.

Color Contrast Check

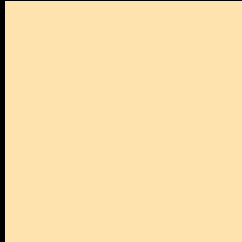
Large Text (above 18pt) WCAG AA × Fail

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 76.0800, 79.1041, 51.8162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

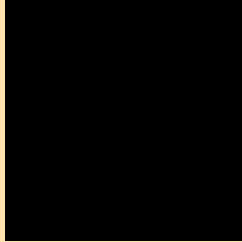
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0800, 79.1041, 51.8162

Background



This preview shows how black text looks on a background with the XYZ color 76.0800, 79.1041, 51.8162.



This preview shows how white text looks on a background with the XYZ color 76.0800, 79.1041,

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

76.0800, 79.1041, 51.8162

Protanopia

74.1393, 79.3210, 52.4772

Deuteranopia

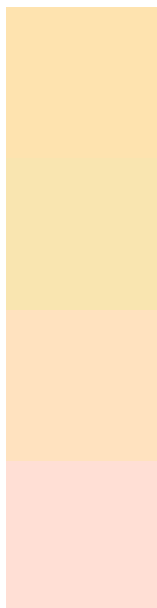
78.5905, 79.2806, 65.8041



Tritanopia

82.0918, 78.9711, 89.5135

Trichromacy



Original Color

76.0800, 79.1041, 51.8162

Protanomaly

74.9227, 79.3129, 52.4344

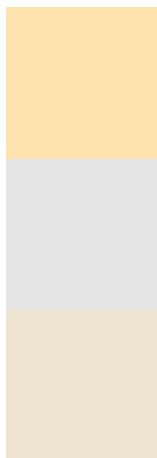
Deuteranomaly

77.8403, 79.4143, 60.5161

Tritanomaly

79.6379, 78.8394, 73.9710

Monochromacy



Original Color

76.0800, 79.1041, 51.8162

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.5119, 78.2674, 71.5015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0800, 79.1041, 51.8162 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(254, 227, 175)` looks like.

```
.text, #text, p{  
    color:rgb(254, 227, 175)  
}
```

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(254, 227, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 175) }
```

Border

The CSS property to change the border of an element to XYZ 76.0800, 79.1041, 51.8162 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(254, 227, 175) }
```


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

```
.border{ border-color:rgb(254, 227, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 227, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 227, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 227, 175);  
box-shadow:4px 4px 4px 4px rgb(254, 227,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0800, 79.1041, 51.8162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 227, 175) }
```

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

```
.background{ background-color: rgb(254,  
227, 175) }
```

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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