

Converting Colors

XYZ(76.5456, 78.9332, 53.5844)

Have a look what the booklet for
XYZ(76.5456, 78.9332, 53.5844)
contains.

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Color

**XYZ(76.5730, 78.9074,
53.8426)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2B3
RGB	255, 226, 179
RGB Percent	100%, 89%, 70%
CMY	0.0000, 0.1137, 0.2980
CMYK	0.00, 0.11, 0.30, 0.00
HSL	37°, 100%, 85%
HSV	37°, 30%, 100%
XYZ	76.5730, 78.9074, 53.8426
YIQ	229.3130, 32.3710, -8.4690

Conversions

Conversions Part 2

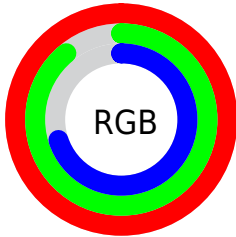
Format	Color
R_{YB}	226, 255, 179
Decimal	16769715
CIE _{Lab}	91.19, 3.21, 26.66
CIE _{LCh}	91, 26.851, 83.135
Yxy	78.9074, 0.3658, 0.3770
Android (android.graphics.Color)	4294959795 (0xFFFFE2B3)
YUV	229.3130, -24.8043, 22.5275
Hunter-Lab	88.8298, -1.5818, 26.2433

Details

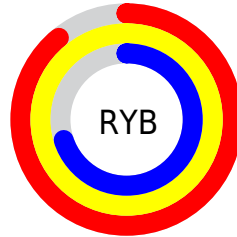
The XYZ color **76.5730, 78.9074, 53.8426** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.1956, 61.9134, 103.4383**, and the grayscale version is **74.8686, 78.7676, 85.7780**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **41.3548, 42.5025, 25.7628** is the 20% darker color. If you saturate the color by 10%, you get **71.6585, 72.8309, 40.6357**, and if you desaturate by 10%, it is **82.1186, 85.4821, 69.6144**.

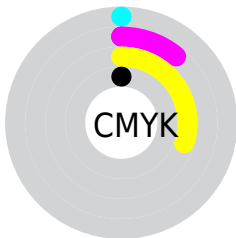
Distribution



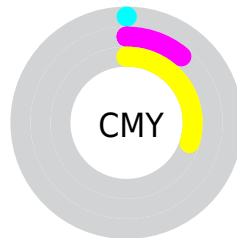
- Red (100%)
- Green (89%)
- Blue (70%)



- Red (89%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5730, 78.9074, 53.8426 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 76.5730, 78.9074, 53.8426 by changing the saturation by 10% instead.


 76.5730, 78.9074,
53.8426

 76.5730, 78.9074,
53.8426


472.2212,
491.2430, 418.6671

 57.2012, 58.8197,
38.0835


 127.5126,
131.8285, 97.2972

 41.4076, 42.4680,
25.7452


159.8111,
165.4306, 125.8297

 28.8268, 29.4679,
16.4091


197.1492,
204.3064, 159.4572

 19.0934, 19.4351,
9.6566

239.8923,
248.8402, 198.5981

 11.8422, 11.9851,
5.0693

288.4056,
299.4163, 243.6711

 6.7078, 6.7335,
2.2285

343.0547,

 3.3247, 3.2960,

356.4192, 295.0945

0.6907

404.2048,
420.2333, 353.2870

■ 1.3277, 1.2882,
0.0000

■ 0.2038, 0.1320,
0.0000

■ 76.5730, 78.9074,
53.8426

■ 76.5730, 78.9074,
53.8426

■ 71.6585, 72.8309,
40.6357

■ 82.1186, 85.4821,
69.6144

■ 67.3403, 67.2264,
29.8495

■ 88.3159, 92.5587,
88.0752

■ 63.5890, 62.0808,
21.3326

95.0500, 100.0000,
108.9000

■ 60.3697, 57.3761,
14.9144

■ 57.6430, 53.0921,
10.4000

■ 55.3621, 49.2058,
7.5572

■ 53.4540, 45.6835,
6.0149

■ 53.4186, 45.6172,
5.9895

Harmonies

Analogous

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



83.1203, 78.9074, 59.3043



76.5730, 78.9074, 53.8426



69.9782, 78.9074, 55.8764

Triad

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



76.5730, 78.9074, 53.8426



63.6061, 78.9074, 101.4856



85.9542, 78.9074, 110.3981

Complementary

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



76.5730, 78.9074, 53.8426



59.1956, 61.9134, 103.4383

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.



80.2547, 78.9074, 125.1587



76.5730, 78.9074, 53.8426



67.4249, 78.9074, 119.4941

Square

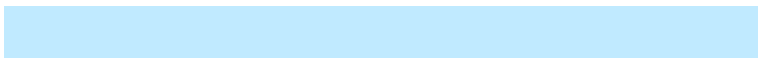
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5730, 78.9074, 53.8426



62.7518, 78.9074, 81.5177



73.4469, 78.9074, 128.7167



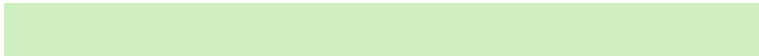
88.7445, 78.9074, 90.4713

Rectangle

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



76.5730, 78.9074, 53.8426



66.4096, 78.9074, 61.3843



73.4469, 78.9074, 128.7167



84.2991, 78.9074, 116.2439

Sweetspot

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



76.5750, 78.9110, 53.8442



88.8428, 93.1494, 89.6783



68.7622, 58.0616, 67.3442



18.8124, 19.7093, 18.5761



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.



76.5750, 78.9110, 53.8442



73.4562, 75.0864, 45.3659



81.9498, 94.3917, 56.5490



18.9451, 19.8583, 18.9789



28.0611, 24.1335, 3.1792



2.8378, 2.5610, 0.3448

Inverse Universe

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



59.1956, 61.9134, 103.4383



53.4401, 55.5174, 102.5071



54.8771, 50.1356, 101.3925



17.5710, 18.5136, 22.8973



11.8116, 8.5328, 50.4590



1.2516, 1.0339, 4.9469

Previews

White Background



This preview shows how the XYZ color 76.5730, 78.9074, 53.8426 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 76.5730, 78.9074, 53.8426 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 76.5730, 78.9074, 53.8426

Background



This preview shows how black text looks on a background with the XYZ color 76.5730, 78.9074, 53.8426.



This preview shows how white text looks on a background with the XYZ color 76.5730, 78.9074,

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

76.5730, 78.9074, 53.8426

Protanopia

74.0160, 78.7873, 55.0225

Deuteranopia

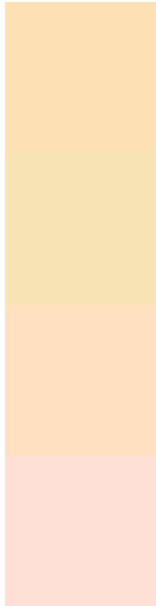
78.4383, 78.7884, 66.3319



Tritanopia

81.9477, 78.9134, 88.7546

Trichromacy



Original Color

76.5730, 78.9074, 53.8426

Protanomaly

75.0485, 78.9218, 54.4580

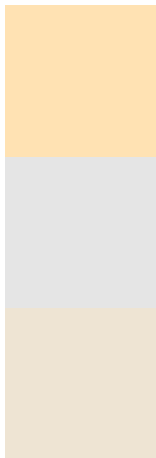
Deuteranomaly

77.7909, 78.9607, 61.5930

Tritanomaly

79.7653, 78.8904, 74.6416

Monochromacy



Original Color

76.5730, 78.9074, 53.8426

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7612, 78.3671, 72.8140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5730, 78.9074, 53.8426 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(255, 226, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 179)  
}
```

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(255, 226, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 179) }
```

Border

The CSS property to change the border of an element to XYZ 76.5730, 78.9074, 53.8426 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(255, 226, 179) }
```


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

```
.border{ border-color:rgb(255, 226, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5730, 78.9074, 53.8426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 179) }
```

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

```
.background{ background-color: rgb(255,  
226, 179) }
```

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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