

Converting Colors

XYZ(87.3054, 84.1054, 44.3560)

Have a look what the booklet for
XYZ(87.3054, 84.1054, 44.3560)
contains.

| | |
|--|----|
| XYZ(74.4232, 77.6136, 43.8593) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(74.4232, 77.6136,
43.8593)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFE19F |
| RGB | 255, 225, 159 |
| RGB Percent | 100%, 88%, 62% |
| CMY | 0.0000, 0.1176, 0.3765 |
| CMYK | 0.00, 0.12, 0.38, 0.00 |
| HSL | 41°, 100%, 81% |
| HSV | 41°, 38%, 100% |
| XYZ | 74.4232, 77.6136, 43.8593 |
| YIQ | 226.4460, 39.0660, -14.1660 |

Conversions

Conversions Part 2

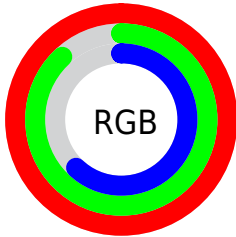
| Format | Color |
|-------------------------------------|---|
| RYB | 203, 255, 159 |
| Decimal | 16769439 |
| CIELab | 90.60, 1.35, 36.09 |
| CIElCh | 91, 36.118, 87.852 |
| Yxy | 77.6136, 0.3799, 0.3962 |
| Android (android.graphics.Color) | 4294959519 (0xFFFFE19F) |
| YUV | 226.4460, -33.2509, 25.0419 |
| Hunter-Lab | 88.0986, -3.3807, 32.1519 |

Details

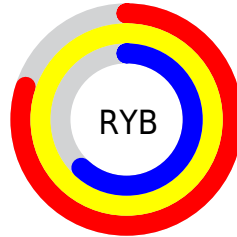
The XYZ color **74.4232, 77.6136, 43.8593** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.5452, 50.9845, 101.7847**, and the grayscale version is **72.8268, 76.6195, 83.4386**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **40.0545, 41.6813, 19.8441** is the 20% darker color. If you saturate the color by 10%, you get **70.3314, 72.6133, 32.6816**, and if you desaturate by 10%, it is **79.0759, 83.0047, 57.4777**.

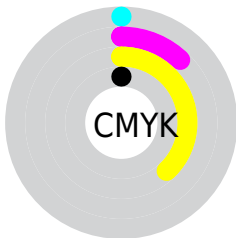
Distribution



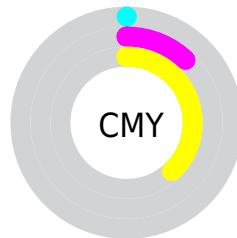
- Red (100%)
- Green (88%)
- Blue (62%)



- Red (80%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4232, 77.6136, 43.8593 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 74.4232, 77.6136, 43.8593 by changing the saturation by 10% instead.

 74.4232, 77.6136,
43.8593


 74.4232, 77.6136,
43.8593


464.9605,
486.8536, 378.1583

 55.4330, 57.7566,
30.2235


 124.4878,
130.0053, 82.3062

 39.9837, 41.6130,
19.7548


 156.2929,
163.3088, 107.9544

 27.7100, 28.7984,
12.0346


193.1004,
201.8632, 138.4438

 18.2465, 18.9284,
6.6445

235.2756,
246.0530, 174.1930

 11.2279, 11.6185,
3.1657

283.1838,
296.2625, 215.6206

 6.2887, 6.4845,
1.1799

337.1905,

 3.0638, 3.1419,

352.8762, 263.1449

0.0000

397.6609,
416.2784, 317.1847

■ 1.1876, 1.2062,
0.0000

■ 0.0965, 0.0668,
0.0000

■ 74.4232, 77.6136,
43.8593

■ 74.4232, 77.6136,
43.8593

■ 70.3314, 72.6133,
32.6816

■ 79.0759, 83.0047,
57.4777

■ 66.7650, 67.9790,
23.7904

■ 84.3109, 88.7888,
73.6685

■ 63.6933, 63.6991,
17.0214

■ 90.1553, 94.9818,
92.5598

■ 61.0790, 59.7562,
12.1861

95.0500, 100.0000,
108.9000

■ 58.8786, 56.1309,
9.0624

■ 57.0352, 52.7978,
7.3573

■ 56.6339, 52.0477,
7.0613

Harmonies

Analogous

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



83.4183, 77.6136, 48.9553



74.4232, 77.6136, 43.8593



65.9370, 77.6136, 47.6693

Triad

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



74.4232, 77.6136, 43.8593



59.4330, 77.6136, 109.9862



89.5001, 77.6136, 113.8860

Complementary

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



74.4232, 77.6136, 43.8593



50.5452, 50.9845, 101.7847

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.



82.1988, 77.6136, 136.6533



74.4232, 77.6136, 43.8593



64.8948, 77.6136, 134.0974

Square

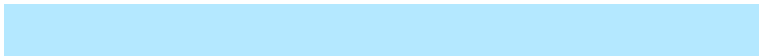
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4232, 77.6136, 43.8593



57.7155, 77.6136, 82.6548



73.1194, 77.6136, 144.7097



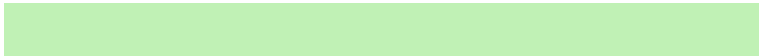
92.5542, 77.6136, 86.3887

Rectangle

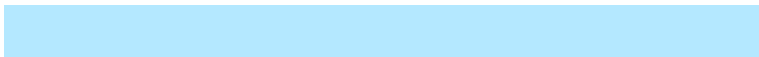
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4232, 77.6136, 43.8593



61.6089, 77.6136, 55.2913



73.1194, 77.6136, 144.7097



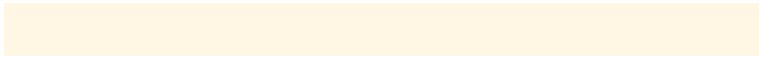
87.4332, 77.6136, 122.5418

Sweetspot

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



74.4251, 77.6172, 43.8609



88.1258, 92.8585, 85.9156



62.8675, 49.7486, 54.6619



18.6912, 19.6947, 17.8336



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

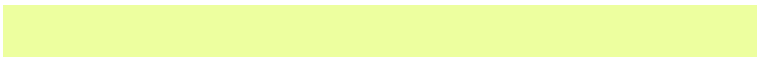
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4251, 77.6172, 43.8609



71.3621, 73.9009, 35.4108



77.0771, 92.0968, 46.5160



19.0544, 20.0770, 19.0153



29.7319, 27.4750, 3.7362



2.9926, 2.8705, 0.3963

Inverse Universe

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



50.5452, 50.9845, 101.7847



44.4528, 43.9080, 100.7399



48.4894, 41.3175, 100.0271



17.4660, 18.3036, 22.8623



11.0345, 6.9786, 50.2000



1.1670, 0.8647, 4.9187

Previews

White Background



This preview shows how the XYZ color 74.4232, 77.6136, 43.8593 looks on a white background.

Color Contrast Check

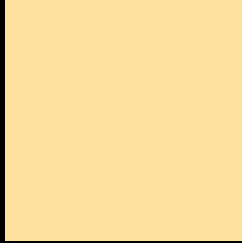
Large Text (above 18pt) WCAG AA × Fail

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 74.4232, 77.6136, 43.8593 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 74.4232, 77.6136, 43.8593

Background



This preview shows how black text looks on a background with the XYZ color 74.4232, 77.6136, 43.8593.



This preview shows how white text looks on a background with the XYZ color 74.4232, 77.6136,

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

74.4232, 77.6136, 43.8593

Protanopia

72.0946, 77.6177, 44.4396

Deuteranopia

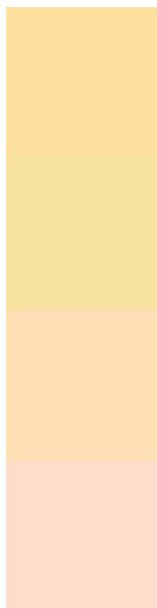
77.1421, 77.8411, 60.8282



Tritanopia

80.9953, 77.6926, 86.3286

Trichromacy



Original Color

74.4232, 77.6136, 43.8593

Protanomaly

72.8812, 77.6160, 44.3978

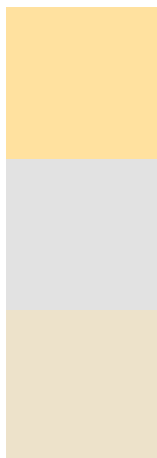
Deuteranomaly

76.1339, 77.8666, 54.1971

Tritanomaly

78.1159, 77.3807, 68.5764

Monochromacy



Original Color

74.4232, 77.6136, 43.8593

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.7821, 76.6615, 66.8382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4232, 77.6136, 43.8593 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, 225, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 159)  
}
```

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, 225, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 159) }
```

Border

The CSS property to change the border of an element to XYZ 74.4232, 77.6136, 43.8593 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, 225, 159) }
```


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

```
.border{ border-color:rgb(255, 225, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4232, 77.6136, 43.8593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 159) }
```

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

```
.background{ background-color: rgb(255,  
225, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor