

Converting Colors

XYZ(86.5214, 84.6896, 43.5358)

Have a look what the booklet for
XYZ(86.5214, 84.6896, 43.5358)
contains.

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Color

**XYZ(74.7949, 78.6325,
43.1338)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE39D
RGB	255, 227, 157
RGB Percent	100%, 89%, 62%
CMY	0.0000, 0.1098, 0.3843
CMYK	0.00, 0.11, 0.38, 0.00
HSL	43°, 100%, 81%
HSV	43°, 38%, 100%
XYZ	74.7949, 78.6325, 43.1338
YIQ	227.3920, 39.1580, -15.8340

Conversions

Conversions Part 2

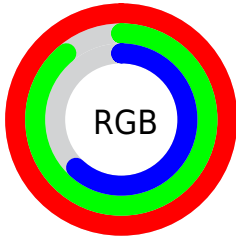
Format	Color
RYB	196, 255, 157
Decimal	16769949
CIELab	91.07, 0.12, 37.71
CIELCh	91, 37.713, 89.822
Yxy	78.6325, 0.3805, 0.4000
Android (android.graphics.Color)	4294960029 (0xFFFFE39D)
YUV	227.3920, -34.7033, 24.2122
Hunter-Lab	88.6750, -4.6213, 33.2323

Details

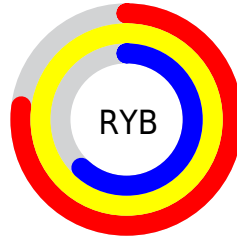
The XYZ color **74.7949, 78.6325, 43.1338** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.3032, 49.0845, 101.4834**, and the grayscale version is **73.5257, 77.3548, 84.2393**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **40.3283, 42.3953, 19.4222** is the 20% darker color. If you saturate the color by 10%, you get **70.8912, 73.9531, 32.1897**, and if you desaturate by 10%, it is **79.2412, 83.6695, 56.5020**.

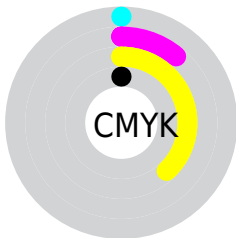
Distribution



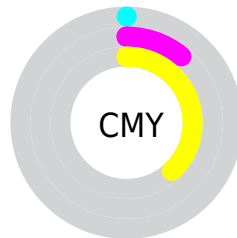
- Red (100%)
- Green (89%)
- Blue (62%)



- Red (77%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7949, 78.6325, 43.1338 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 74.7949, 78.6325, 43.1338 by changing the saturation by 10% instead.


 74.7949, 78.6325,
43.1338


 74.7949, 78.6325,
43.1338


466.2204,
490.3122, 375.0991

 55.7385, 58.5937,
29.6579


 125.0115,
131.4414, 81.2013

 40.2294, 42.2861,
19.3292


 156.9023,
164.9802, 106.6299

 27.9025, 29.3254,
11.7292

193.8020,
203.7879, 136.8799

 18.3922, 19.3271,
6.4393

236.0758,
248.2488, 172.3698

 11.3334, 11.9069,
3.0409

284.0892,
298.7473, 213.5182

 6.3605, 6.6803,
1.1156

338.2076,

 3.1082, 3.2630,

355.6677, 260.7434

0.0000

398.7962,
419.3946, 314.4643

■ 1.2112, 1.2705,
0.0000

■ 0.1152, 0.1182,
0.0000

■ 74.7949, 78.6325,
43.1338

■ 74.7949, 78.6325,
43.1338

■ 70.8912, 73.9531,
32.1897

■ 79.2412, 83.6695,
56.5020

■ 67.4948, 69.6070,
23.5144

■ 84.2512, 89.0657,
72.4269

■ 64.5748, 65.5830,
16.9424

■ 89.8520, 94.8362,
91.0371

■ 62.0940, 61.8645,
12.2831

95.0500, 100.0000,
108.9000

■ 60.0086, 58.4323,
9.3110

■ 58.2576, 55.2602,
7.7107

■ 58.0003, 54.7807,
7.5168

Harmonies

Analogous

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



84.3319, 78.6325, 47.7951



74.7949, 78.6325, 43.1338



65.9914, 78.6325, 47.6844

Triad

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



74.7949, 78.6325, 43.1338



59.9421, 78.6325, 114.4538



91.7222, 78.6325, 114.7976

Complementary

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



74.7949, 78.6325, 43.1338



49.3032, 49.0845, 101.4834

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.



84.2249, 78.6325, 139.6885



74.7949, 78.6325, 43.1338



65.9004, 78.6325, 139.4622

Square

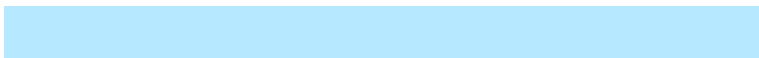
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7949, 78.6325, 43.1338



57.8720, 78.6325, 85.4541



74.6808, 78.6325, 149.5413



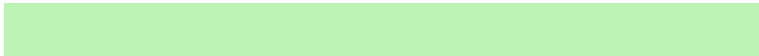
94.5982, 78.6325, 85.7809

Rectangle

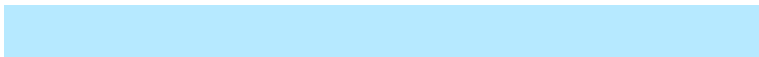
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7949, 78.6325, 43.1338



61.5947, 78.6325, 56.0290



74.6808, 78.6325, 149.5413



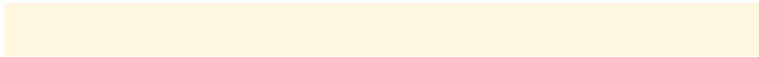
89.6291, 78.6325, 124.1304

Sweetspot

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



74.7969, 78.6361, 43.1354



87.7835, 92.7327, 84.0783



62.2030, 48.9370, 52.8459



18.6314, 19.6865, 17.4700



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

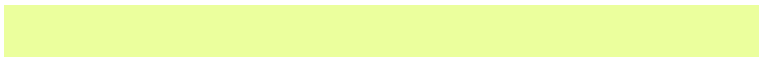
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7969, 78.6361, 43.1354



71.7925, 75.0598, 34.6352



76.2393, 91.6848, 45.5780



19.0971, 20.1623, 19.0295



30.4403, 28.8919, 3.9723



3.0572, 2.9998, 0.4179

Inverse Universe

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



49.3032, 49.0845, 101.4834



43.0837, 41.8019, 100.4056



48.1483, 40.6352, 99.9134



17.4255, 18.2227, 22.8489



10.7803, 6.4701, 50.1153



1.1380, 0.8068, 4.9090

Previews

White Background



This preview shows how the XYZ color 74.7949, 78.6325, 43.1338 looks on a white background.

Color Contrast Check

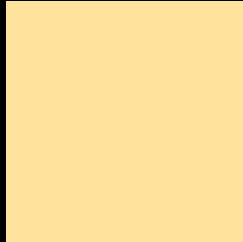
Large Text (above 18pt) WCAG AA × Fail

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 74.7949, 78.6325, 43.1338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

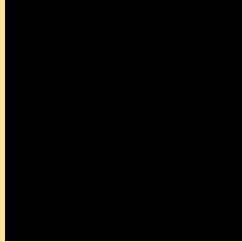
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7949, 78.6325, 43.1338

Background



This preview shows how black text looks on a background with the XYZ color 74.7949, 78.6325, 43.1338.



This preview shows how white text looks on a background with the XYZ color 74.7949, 78.6325,

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

74.7949, 78.6325, 43.1338

Protanopia

72.9023, 78.4637, 43.6504

Deuteranopia

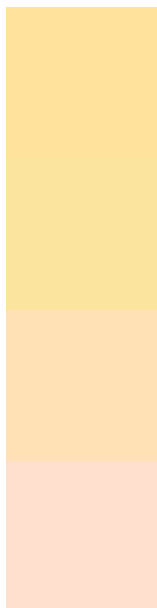
77.7460, 78.5114, 62.6863



Tritanopia

81.8044, 78.8561, 88.0000

Trichromacy



Original Color

74.7949, 78.6325, 43.1338

Protanomaly

73.6986, 78.4647, 43.6086

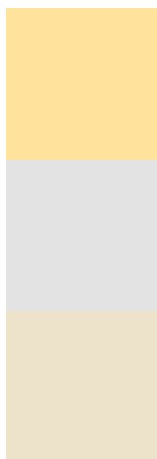
Deuteranomaly

76.5057, 78.4466, 54.8255

Tritanomaly

78.6471, 78.4431, 68.7535

Monochromacy



Original Color

74.7949, 78.6325, 43.1338

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.0548, 77.2070, 66.9291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7949, 78.6325, 43.1338 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, 227, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 157)  
}
```

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, 227, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 157) }
```

Border

The CSS property to change the border of an element to XYZ 74.7949, 78.6325, 43.1338 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, 227, 157) }
```


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

```
.border{ border-color:rgb(255, 227, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7949, 78.6325, 43.1338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 157) }
```

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

```
.background{ background-color: rgb(255,  
227, 157) }
```

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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