

Converting Colors

XYZ(75.9236, 79.0715, 50.8989)

Have a look what the booklet for
XYZ(75.9236, 79.0715, 50.8989)
contains.

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Color

**XYZ(75.8850, 79.0261,
50.7892)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE3AD
RGB	254, 227, 173
RGB Percent	100%, 89%, 68%
CMY	0.0039, 0.1098, 0.3216
CMYK	0.00, 0.11, 0.32, 0.00
HSL	40°, 98%, 84%
HSV	40°, 32%, 100%
XYZ	75.8850, 79.0261, 50.7892
YIQ	228.9170, 33.4260, -11.0700

Conversions

Conversions Part 2

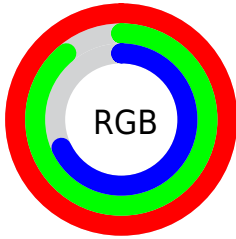
Format	Color
RYB	214, 254, 173
Decimal	16704429
CIELab	91.25, 1.58, 29.80
CIELCh	91, 29.841, 86.964
Yxy	79.0261, 0.3689, 0.3842
Android (android.graphics.Color)	4294894509 (0xFFEE3AD)
YUV	228.9170, -27.5671, 21.9978
Hunter-Lab	88.8966, -3.1958, 28.3536

Details

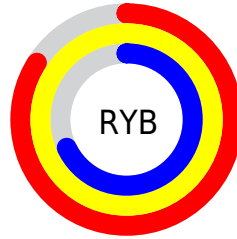
The XYZ color **75.8850, 79.0261, 50.7892** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.7769, 57.3470, 101.8955**, and the grayscale version is **74.5960, 78.4808, 85.4656**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **40.9076, 42.5969, 23.8353** is the 20% darker color. If you saturate the color by 10%, you get **71.3990, 73.6205, 38.2992**, and if you desaturate by 10%, it is **80.9561, 84.8536, 65.7812**.

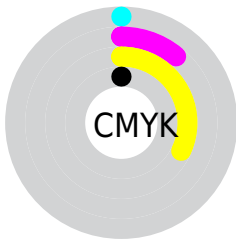
Distribution



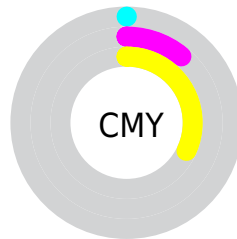
- Red (100%)
- Green (89%)
- Blue (68%)



- Red (84%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (11%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8850, 79.0261, 50.7892 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 75.8850, 79.0261, 50.7892 by changing the saturation by 10% instead.


 75.8850, 79.0261,
50.7892

 75.8850, 79.0261,
50.7892


469.9044,
491.6446, 406.5674

 56.6349, 58.9173,
35.6653


 126.5456,
131.9956, 92.7514

 40.9512, 42.5465,
23.8882


158.6868,
165.6251, 120.4268

 28.4685, 29.5295,
15.0393

195.8557,
204.5302, 153.1231

 18.8213, 19.4817,
8.7000

238.4178,
249.0954, 191.2589

 11.6445, 12.0189,
4.4519

286.7384,
299.7050, 235.2527

 6.5726, 6.7565,
1.8764

341.1827,

 3.2402, 3.3103,

356.7435, 285.5230

0.4776

402.1163,
420.5953, 342.4884

■ 1.2820, 1.2958,
0.0000

■ 0.1697, 0.1380,
0.0000

■ 75.8850, 79.0261,
50.7892

■ 75.8850, 79.0261,
50.7892

■ 71.3990, 73.6205,
38.2992

■ 80.9561, 84.8536,
65.7812

■ 67.4640, 68.6119,
28.1658

■ 86.6324, 91.1050,
83.3995

■ 64.0511, 63.9892,
20.2362

■ 92.9402, 97.7962,
103.7661

■ 61.1258, 59.7357,
14.3376

94.6832, 99.8109,
108.8828

■ 58.6487, 55.8329,
10.2707

■ 56.5727, 52.2591,
7.7956

■ 55.1264, 49.5774,
6.6639

Harmonies

Analogous

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



83.3244, 79.0261, 55.6336



75.8850, 79.0261, 50.7892



68.7074, 79.0261, 54.0001

Triad

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



75.8850, 79.0261, 50.7892



62.8786, 79.0261, 106.3516



87.9783, 79.0261, 110.8141

Complementary

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



75.8850, 79.0261, 50.7892



55.7769, 57.3470, 101.8955

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.



81.9026, 79.0261, 128.7737



75.8850, 79.0261, 50.7892



67.4576, 79.0261, 125.9084

Square

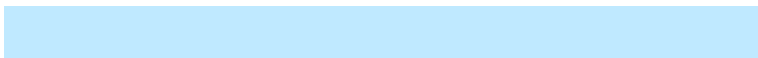
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8850, 79.0261, 50.7892



61.5023, 79.0261, 83.8584



74.3441, 79.0261, 134.7114



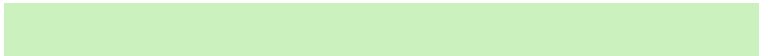
90.5943, 79.0261, 88.2713

Rectangle

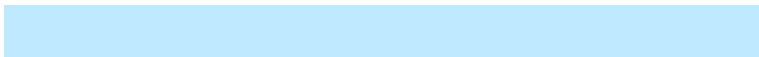
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8850, 79.0261, 50.7892



64.9735, 79.0261, 60.6315



74.3441, 79.0261, 134.7114



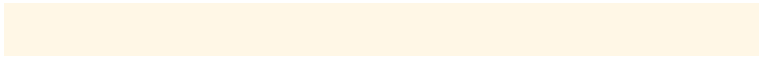
86.2537, 79.0261, 117.7231

Sweetspot

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



75.8870, 79.0297, 50.7908



88.5614, 93.1623, 87.8097



66.2427, 55.1291, 61.7941



18.7717, 19.7426, 18.2090



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

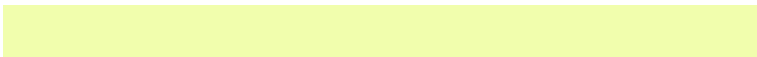
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8870, 79.0297, 50.7908



73.7295, 76.3507, 43.2441



79.0903, 92.5141, 53.2247



19.0213, 20.0108, 19.0043



29.2045, 26.4203, 3.5604



2.9441, 2.7735, 0.3802

Inverse Universe

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



55.7769, 57.3470, 101.8955



50.6691, 51.4969, 101.8771



53.2053, 47.5458, 100.1393



17.4976, 18.3667, 22.8729



11.2501, 7.4098, 50.2719



1.1910, 0.9127, 4.9267

Previews

White Background



This preview shows how the XYZ color 75.8850, 79.0261, 50.7892 looks on a white background.

Color Contrast Check

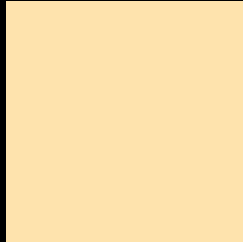
Large Text (above 18pt) WCAG AA × Fail

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 75.8850, 79.0261, 50.7892 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 75.8850, 79.0261, 50.7892

Background



This preview shows how black text looks on a background with the XYZ color 75.8850, 79.0261, 50.7892.



This preview shows how white text looks on a background with the XYZ color 75.8850, 79.0261,

50.7892.

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

75.8850, 79.0261, 50.7892

Protanopia

73.9428, 79.2425, 51.4425

Deuteranopia

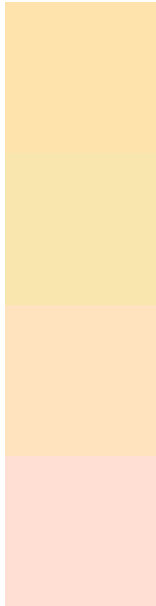
78.4740, 79.2339, 65.1905



Tritanopia

82.0918, 78.9711, 89.5135

Trichromacy



Original Color

75.8850, 79.0261, 50.7892

Protanomaly

74.7262, 79.2344, 51.3997

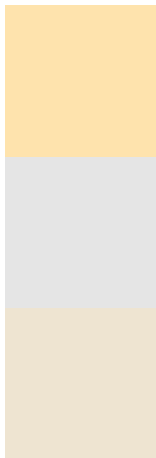
Deuteranomaly

77.7306, 79.3704, 59.9384

Tritanomaly

79.5113, 78.7888, 73.3044

Monochromacy



Original Color

75.8850, 79.0261, 50.7892

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 75.8850, 79.0261, 50.7892 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 227, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 173) }
```

Border

The CSS property to change the border of an element to XYZ 75.8850, 79.0261, 50.7892 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, 173) }
```


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

```
.border{ border-color:rgb(254, 227, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 227, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 227, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 227,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8850, 79.0261, 50.7892 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, 173) }
```

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

```
.background{ background-color: rgb(254,  
227, 173) }
```

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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