

Converting Colors

XYZ(91.2520, 84.7460, 50.7947)

Have a look what the booklet for
XYZ(91.2520, 84.7460, 50.7947)
contains.

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Color

**XYZ(74.5428, 75.9515,
49.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDAC
RGB	255, 221, 172
RGB Percent	100%, 87%, 67%
CMY	0.0000, 0.1333, 0.3255
CMYK	0.00, 0.13, 0.33, 0.00
HSL	35°, 100%, 84%
HSV	35°, 33%, 100%
XYZ	74.5428, 75.9515, 49.7610
YIQ	225.5800, 35.9930, -8.0310

Conversions

Conversions Part 2

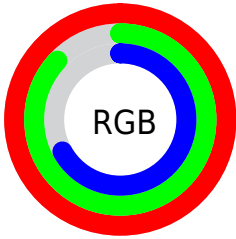
Format	Color
RYB	230, 255, 172
Decimal	16768428
CIELab	89.84, 4.90, 28.42
CIELCh	90, 28.843, 80.211
Yxy	75.9515, 0.3722, 0.3793
Android (android.graphics.Color)	4294958508 (0xFFFFDDAC)
YUV	225.5800, -26.4149, 25.8013
Hunter-Lab	87.1502, 0.1650, 27.1517

Details

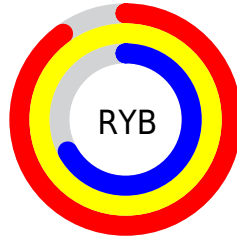
The XYZ color **74.5428, 75.9515, 49.7610** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.1338, 60.1312, 103.2029**, and the grayscale version is **72.1535, 75.9111, 82.6672**.

A 20% lighter version of the original color is **91.0036, 98.3814, 87.5919**, and **39.9919, 40.4747, 23.1574** is the 20% darker color. If you saturate the color by 10%, you get **69.6532, 69.7225, 37.1860**, and if you desaturate by 10%, it is **80.0778, 82.7186, 64.8711**.

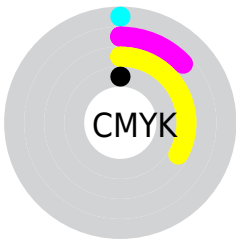
Distribution



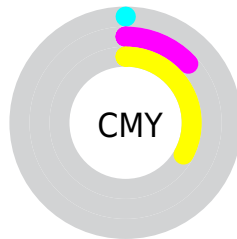
- Red (100%)
- Green (87%)
- Blue (67%)



- Red (90%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5428, 75.9515, 49.7610 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 74.5428, 75.9515, 49.7610 by changing the saturation by 10% instead.


 74.5428, 75.9515,
49.7610

 74.5428, 75.9515,
49.7610


465.3661,
481.1817, 402.4388

 55.5313, 56.3927,
34.8537


 124.6563,
127.6583, 91.2133

 40.0628, 40.5179,
23.2675


156.4891,
160.5752, 118.5954

 27.7719, 27.9426,
14.5840


193.3262,
198.7136, 150.9728

 18.2934, 18.2824,
8.3846

235.5332,
242.4578, 188.7641

 11.2618, 11.1529,
4.2507

283.4753,
292.1924, 232.3878

 6.3118, 6.1698,
1.7639

337.5179,

 3.0780, 2.9486,

348.3016, 282.2625

0.4040

398.0264,
411.1699, 338.8066

■ 1.1952, 1.1050,
0.0000

■ 0.1025, 0.0000,
0.0000

■ 74.5428, 75.9515,
49.7610

■ 74.5428, 75.9515,
49.7610

■ 69.6532, 69.7225,
37.1860

■ 80.0778, 82.7186,
64.8711

■ 65.3730, 64.0040,
26.9983

■ 86.2803, 90.0293,
82.6433

■ 61.6715, 58.7815,
19.0420

■ 93.1781, 97.9021,
103.2018

■ 58.5119, 54.0349,
13.1406

■ 95.0500, 100.0000,
108.9000

■ 55.8524, 49.7423,
9.0901

■ 53.6429, 45.8778,
6.6442

■ 52.2359, 43.2519,
5.5953

Harmonies

Analogous

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



81.3118, 75.9515, 56.0769



74.5428, 75.9515, 49.7610



67.5617, 75.9515, 51.0866

Triad

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



74.5428, 75.9515, 49.7610



60.0873, 75.9515, 96.9995



83.2307, 75.9515, 110.4187

Complementary

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



74.5428, 75.9515, 49.7610



57.1338, 60.1312, 103.2029

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.



77.0242, 75.9515, 125.2273



74.5428, 75.9515, 49.7610



63.7765, 75.9515, 116.6394

Square

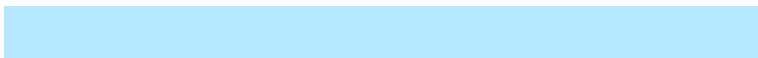
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5428, 75.9515, 49.7610



59.5195, 75.9515, 76.2085



69.8865, 75.9515, 127.6742



86.5412, 75.9515, 89.5465

Rectangle

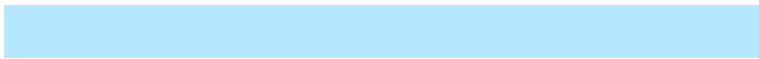
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5428, 75.9515, 49.7610



63.7055, 75.9515, 56.2203



69.8865, 75.9515, 127.6742



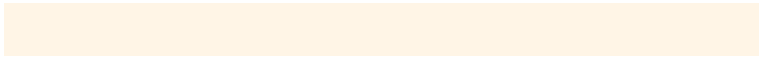
81.3955, 75.9515, 116.4061

Sweetspot

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



74.5447, 75.9550, 49.7626



87.9710, 91.9816, 87.6130



67.2046, 55.2505, 65.8878



18.6286, 19.4564, 18.1613



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.



74.5447, 75.9550, 49.7626



71.3173, 71.8742, 41.3674



81.9475, 94.4703, 52.9462



18.9009, 19.7700, 18.9641



27.4450, 22.9012, 2.9739



2.7798, 2.4449, 0.3254

Inverse Universe

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



57.1338, 60.1312, 103.2029



51.4769, 53.8501, 102.2887



51.3744, 46.2998, 100.8367



17.6139, 18.5995, 22.9117



12.1794, 9.2684, 50.5816



1.2901, 1.1110, 4.9597

Previews

White Background



This preview shows how the XYZ color 74.5428, 75.9515, 49.7610 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 74.5428, 75.9515, 49.7610 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 74.5428, 75.9515, 49.7610

Background



This preview shows how black text looks on a background with the XYZ color 74.5428, 75.9515, 49.7610.



This preview shows how white text looks on a background with the XYZ color 74.5428, 75.9515,

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

74.5428, 75.9515, 49.7610

Protanopia

71.1120, 76.1495, 50.9947

Deuteranopia

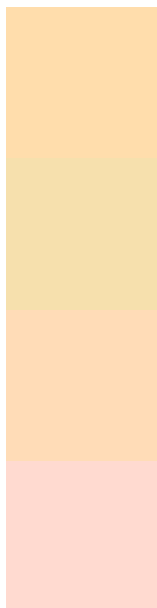
76.1275, 76.1641, 59.4040



Tritanopia

79.9387, 76.0289, 84.5906

Trichromacy



Original Color

74.5428, 75.9515, 49.7610

Protanomaly

72.2045, 75.9213, 50.3838

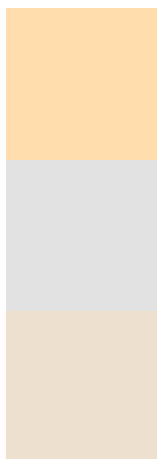
Deuteranomaly

75.3804, 75.8653, 55.4702

Tritanomaly

77.6966, 75.9569, 70.2406

Monochromacy



Original Color

74.5428, 75.9515, 49.7610

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.7213, 75.7721, 69.1852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5428, 75.9515, 49.7610 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, 221, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 172)  
}
```

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, 221, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 172) }
```

Border

The CSS property to change the border of an element to XYZ 74.5428, 75.9515, 49.7610 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, 221, 172) }
```


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

```
.border{ border-color:rgb(255, 221, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5428, 75.9515, 49.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 172) }
```

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

```
.background{ background-color: rgb(255,  
221, 172) }
```

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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