

Converting Colors

XYZ(169.7565, 127.4550,
58.8839)

Have a look what the booklet for
XYZ(169.7565, 127.4550, 58.8839)
contains.

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Color

**XYZ(76.9473, 79.4935,
54.4682)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3B4
RGB	255, 227, 180
RGB Percent	100%, 89%, 71%
CMY	0.0000, 0.1098, 0.2941
CMYK	0.00, 0.11, 0.29, 0.00
HSL	38°, 100%, 85%
HSV	38°, 29%, 100%
XYZ	76.9473, 79.4935, 54.4682
YIQ	230.0140, 31.7750, -8.6810

Conversions

Conversions Part 2

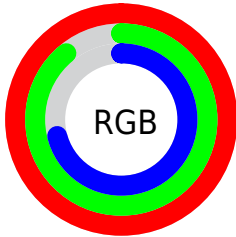
Format	Color
R_{YB}	225, 255, 180
Decimal	16769972
CIE _{Lab}	91.46, 2.83, 26.50
CIE _{LCh}	91, 26.655, 83.915
Yxy	79.4935, 0.3648, 0.3769
Android (android.graphics.Color)	4294960052 (0xFFFFE3B4)
YUV	230.0140, -24.6569, 21.9127
Hunter-Lab	89.1591, -1.9770, 26.1905

Details

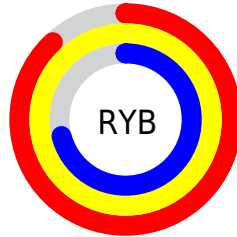
The XYZ color **76.9473, 79.4935, 54.4682** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.4276, 62.0330, 103.4491**, and the grayscale version is **75.3861, 79.3121, 86.3708**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **41.6092, 42.9077, 26.1676** is the 20% darker color. If you saturate the color by 10%, you get **72.0536, 73.4878, 41.1784**, and if you desaturate by 10%, it is **82.4669, 85.9855, 70.3262**.

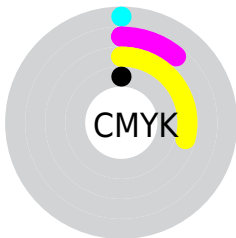
Distribution



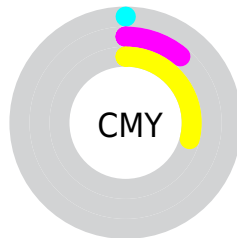
- Red (100%)
- Green (89%)
- Blue (71%)



- Red (88%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.9473, 79.4935, 54.4682 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 76.9473, 79.4935, 54.4682 by changing the saturation by 10% instead.


 76.9473, 79.4935,
54.4682

 76.9473, 79.4935,
54.4682


473.4790,
493.2243, 421.1179

 57.5094, 59.3016,
38.5804


 128.0383,
132.6534, 98.2247

 41.6561, 42.8560,
26.1281


160.4222,
166.3902, 126.9304

 29.0220, 29.7721,
16.6929


197.8520,
205.4108, 160.7459

 19.2419, 19.6657,
9.8561


240.6932,
250.0996, 200.0896

 11.9502, 12.1523,
5.1993

289.3112,
300.8409, 245.3801

 6.7817, 6.8475,
2.3039

344.0712,

 3.3711, 3.3669,

358.0192, 297.0360

0.7334

405.3387,
422.0189, 355.4757

■ 1.3529, 1.3261,
0.0000

■ 0.2223, 0.1613,
0.0000

■ 76.9473, 79.4935,
54.4682

■ 76.9473, 79.4935,
54.4682

■ 72.0536, 73.4878,
41.1784

■ 82.4669, 85.9855,
70.3262

■ 67.7512, 67.9424,
30.3129

■ 88.6328, 92.9671,
88.8757

■ 64.0111, 62.8447,
21.7209

95.0500, 100.0000,
108.9000

■ 60.7987, 58.1771,
15.2329

■ 58.0749, 53.9198,
10.6551

■ 55.7935, 50.0505,
7.7571

■ 53.8851, 46.5370,
6.1856

■ 53.7796, 46.3392,
6.1099

Harmonies

Analogous

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



83.5024, 79.4935, 59.7383



76.9473, 79.4935, 54.4682



70.3906, 79.4935, 56.6987

Triad

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



76.9473, 79.4935, 54.4682



64.2481, 79.4935, 102.5998



86.5958, 79.4935, 110.4752

Complementary

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



76.9473, 79.4935, 54.4682



59.4276, 62.0330, 103.4491

Split Complementary

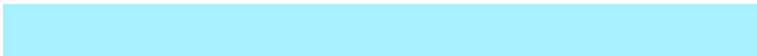
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9685, 79.4935, 125.3940



76.9473, 79.4935, 54.4682



68.1308, 79.4935, 120.3921

Square

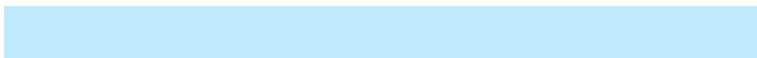
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9473, 79.4935, 54.4682



63.3134, 79.4935, 82.6551



74.1819, 79.4935, 129.2703



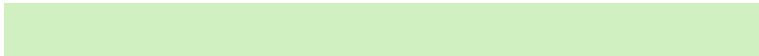
89.2835, 79.4935, 90.5754

Rectangle

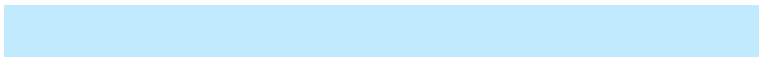
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9473, 79.4935, 54.4682



66.8650, 79.4935, 62.3362



74.1819, 79.4935, 129.2703



84.9696, 79.4935, 116.3518

Sweetspot

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



76.9493, 79.4971, 54.4698



88.9005, 93.2648, 89.6975



69.0395, 58.4944, 67.8120



18.8266, 19.7378, 18.5809



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.



76.9493, 79.4971, 54.4698



74.1382, 76.0804, 46.7338



82.0923, 94.4535, 57.0857



18.9581, 19.8843, 18.9832



28.2490, 24.5093, 3.2419



2.8554, 2.5962, 0.3506

Inverse Universe

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



59.4276, 62.0330, 103.4491



54.1615, 56.1759, 102.5962



55.2964, 50.6504, 101.4698



17.5584, 18.4884, 22.8931



11.7093, 8.3282, 50.4249



1.2407, 1.0122, 4.9432

Previews

White Background



This preview shows how the XYZ color 76.9473, 79.4935, 54.4682 looks on a white background.

Color Contrast Check

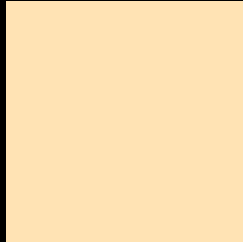
Large Text (above 18pt) WCAG AA × Fail

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 76.9473, 79.4935, 54.4682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

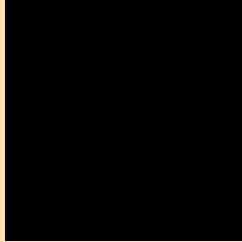
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9473, 79.4935, 54.4682

Background



This preview shows how black text looks on a background with the XYZ color 76.9473, 79.4935, 54.4682.



This preview shows how white text looks on a background with the XYZ color 76.9473, 79.4935,

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

76.9473, 79.4935, 54.4682

Protanopia

74.2935, 79.3423, 55.1150

Deuteranopia

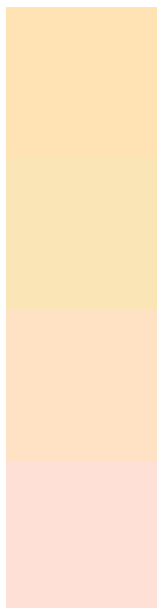
78.9447, 79.4222, 67.6691



Tritanopia

82.3567, 79.5007, 89.6018

Trichromacy



Original Color

76.9473, 79.4935, 54.4682

Protanomaly

75.4267, 79.5146, 55.0885

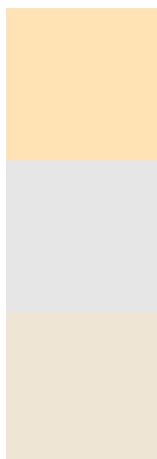
Deuteranomaly

78.2867, 79.5928, 62.8666

Tritanomaly

80.1614, 79.4776, 75.4057

Monochromacy



Original Color

76.9473, 79.4935, 54.4682

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.4996, 79.1428, 73.5842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9473, 79.4935, 54.4682 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, 180)` looks like.

```
.text, #text, p{  
  color:rgb(255, 227, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 180) }
```

Border

The CSS property to change the border of an element to XYZ 76.9473, 79.4935, 54.4682 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, 180) }
```


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

```
.border{ border-color:rgb(255, 227, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9473, 79.4935, 54.4682 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
227, 180) }
```

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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