

# Converting Colors

XYZ(76.5155, 78.0352, 56.1574)

Have a look what the booklet for  
XYZ(76.5155, 78.0352, 56.1574)  
contains.

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# Color

**XYZ(76.5474, 78.0320,  
56.3746)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE0B8
RGB	255, 224, 184
RGB Percent	100%, 88%, 72%
CMY	0.0000, 0.1215, 0.2784
CMYK	0.00, 0.12, 0.28, 0.00
HSL	34°, 100%, 86%
HSV	34°, 28%, 100%
XYZ	76.5474, 78.0320, 56.3746
YIQ	228.7090, 31.3160, -5.8680

# Conversions

## Conversions Part 2

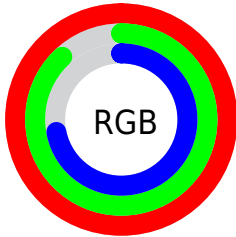
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 255, 184
Decimal	16769208
CIE <sub>Lab</sub>	90.79, 4.87, 23.53
CIE <sub>LCh</sub>	91, 24.031, 78.301
Yxy	78.0320, 0.3629, 0.3699
Android (android.graphics.Color)	4294959288 (0xFFFFE0B8)
YUV	228.7090, -22.0415, 23.0572
Hunter-Lab	88.3357, 0.0918, 23.9970

# Details

The XYZ color **76.5474, 78.0320, 56.3746** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.1169, 66.0092, 104.0749**, and the grayscale version is **74.4046, 78.2795, 85.2464**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **41.3107, 41.8849, 27.3800** is the 20% darker color. If you saturate the color by 10%, you get **71.2176, 71.2713, 42.5779**, and if you desaturate by 10%, it is **82.5588, 85.3842, 72.7774**.

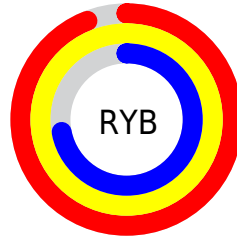
# Distribution



Red (100%)

Green (88%)

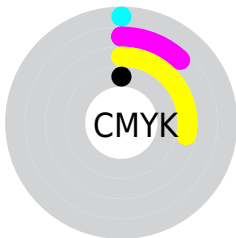
Blue (72%)



Red (94%)

Yellow (100%)

Blue (72%)

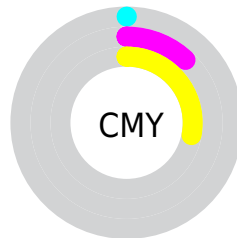


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (12%)


Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5474, 78.0320, 56.3746 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 76.5474, 78.0320, 56.3746 by changing the saturation by 10% instead.





 76.5474, 78.0320,  
56.3746

 76.5474, 78.0320,  
56.3746


472.1351,  
488.2755, 428.5296

 57.1801, 58.1003,  
40.0973


 127.4766,  
130.5952, 101.0433

 41.3906, 41.8893,  
27.3001


159.7693,  
163.9955, 130.2719

 28.8134, 29.0146,  
17.5643

197.1011,  
202.6541, 164.6546

 19.0833, 19.0919,  
10.4714


239.8374,  
246.9554, 204.6100

 11.8348, 11.7367,  
5.6030

288.3437,  
297.2838, 250.5567

 6.7027, 6.5646,  
2.5403

342.9851,

 3.3215, 3.1914,

354.0237, 302.9131

0.8614

404.1271,  
417.5594, 362.0979

■ 1.3260, 1.2324,  
0.0000

■ 0.2026, 0.0880,  
0.0000

■ 76.5474, 78.0320,  
56.3746

■ 76.5474, 78.0320,  
56.3746

■ 71.2176, 71.2713,  
42.5779

■ 82.5588, 85.3842,  
72.7774

■ 66.5340, 65.0739,  
31.2448

■ 89.2736, 93.3342,  
91.9088

■ 62.4664, 59.4242,  
22.2265

95.0500, 100.0000,  
108.9000

■ 58.9794, 54.3018,  
15.3558

■ 56.0330, 49.6841,  
10.4428

■ 53.5808, 45.5459,  
7.2637

■ 51.5619, 41.8556,  
5.5193

■ 51.1651, 41.1103,  
5.2384

# Harmonies

## Analogous

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



82.1653, 78.0320, 62.4675



76.5474, 78.0320, 56.3746



70.5792, 78.0320, 57.1322

# Triad

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



76.5474, 78.0320, 56.3746



63.6767, 78.0320, 95.8431



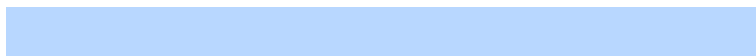
83.1821, 78.0320, 109.0694

# Complementary

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



76.5474, 78.0320, 56.3746



62.1169, 66.0092, 104.0749

# Split Complementary

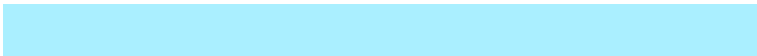
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8745, 78.0320, 120.6218



76.5474, 78.0320, 56.3746



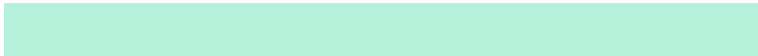
66.7055, 78.0320, 112.3002

# Square

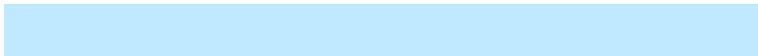
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5474, 78.0320, 56.3746



63.3645, 78.0320, 78.3951



71.8366, 78.0320, 121.8785



86.1325, 78.0320, 91.8891



# Rectangle

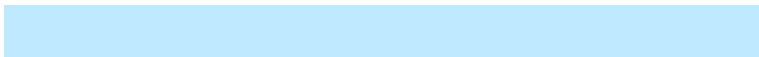
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5474, 78.0320, 56.3746



67.1984, 78.0320, 61.4402



71.8366, 78.0320, 121.8785



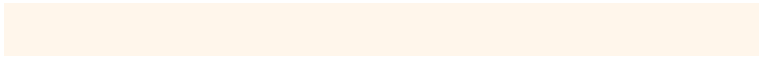
81.6016, 78.0320, 113.8345

# Sweetspot

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



76.5493, 78.0355, 56.3762



89.1622, 93.2041, 91.5855



70.7692, 60.4971, 72.8797



18.8586, 19.6855, 18.9500



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.



76.5493, 78.0355, 56.3762



73.7166, 74.4749, 48.9430



84.3579, 95.5737, 59.3499



18.8586, 19.6855, 18.9500



26.8862, 21.7837, 2.7876



2.7266, 2.3386, 0.3077



# Inverse Universe

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



62.1169, 66.0092, 104.0749



57.2667, 60.7707, 103.3194



55.8197, 52.1363, 101.7290



17.6554, 18.6823, 22.9255



12.5623, 10.0342, 50.7093



1.3295, 1.1898, 4.9728



# Previews

## White Background



This preview shows how the XYZ color 76.5474, 78.0320, 56.3746 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

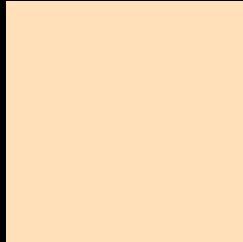
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.5474, 78.0320, 56.3746 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

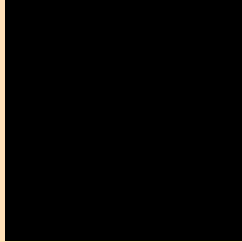
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 76.5474, 78.0320, 56.3746**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.5474, 78.0320, 56.3746.



This preview shows how white text looks on a background with the XYZ color 76.5474, 78.0320,

56.3746.

# 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

76.5474, 78.0320, 56.3746

### Protanopia

73.2243, 77.9092, 57.6330

### Deuteranopia

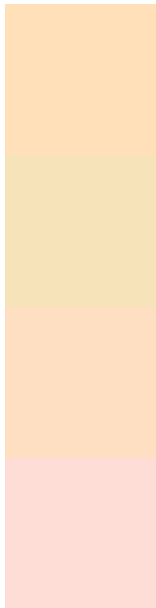
78.0530, 78.2055, 65.6249



## Tritanopia

81.2795, 77.8062, 87.8250

# Trichromacy



## Original Color

76.5474, 78.0320, 56.3746

## Protanomaly

74.5838, 78.2151, 57.0650

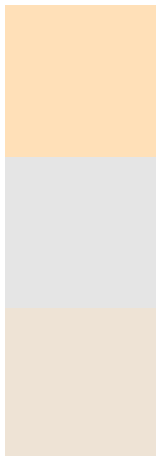
## Deuteranomaly

77.3653, 77.9304, 62.0034

## Tritanomaly

79.3622, 77.8792, 75.1393

# Monochromacy



## Original Color

76.5474, 78.0320, 56.3746

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

74.7392, 77.9194, 74.0516

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.5474, 78.0320, 56.3746 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, 224, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 184)  
}
```

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, 224, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 184) }
```

## Border

The CSS property to change the border of an element to XYZ 76.5474, 78.0320, 56.3746 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, 224, 184) }
```



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

```
.border{ border-color:rgb(255, 224, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
184) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.5474, 78.0320, 56.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 184) }
```

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

```
.background{ background-color: rgb(255,  
224, 184) }
```

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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