

Converting Colors

XYZ(101.0637, 91.3461,
47.7519)

Have a look what the booklet for
XYZ(101.0637, 91.3461, 47.7519)
contains.

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Color

**XYZ(74.9567, 77.8270,
46.6688)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1A5
RGB	255, 225, 165
RGB Percent	100%, 88%, 65%
CMY	0.0000, 0.1176, 0.3529
CMYK	0.00, 0.12, 0.35, 0.00
HSL	40°, 100%, 82%
HSV	40°, 35%, 100%
XYZ	74.9567, 77.8270, 46.6688
YIQ	227.1300, 37.1400, -12.3000

Conversions

Conversions Part 2

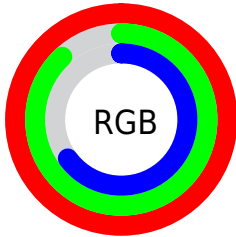
Format	Color
R_{YB}	210, 255, 165
Decimal	16769445
CIE _{Lab}	90.70, 2.03, 33.17
CIE _{LCh}	91, 33.235, 86.496
Yxy	77.8270, 0.3758, 0.3902
Android (android.graphics.Color)	4294959525 (0xFFFFE1A5)
YUV	227.1300, -30.6301, 24.4420
Hunter-Lab	88.2196, -2.7200, 30.3889

Details

The XYZ color **74.9567, 77.8270, 46.6688** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.0816, 54.2478, 102.2809**, and the grayscale version is **73.3068, 77.1245, 83.9886**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **40.3813, 41.8120, 21.5650** is the 20% darker color. If you saturate the color by 10%, you get **70.6232, 72.5113, 34.8927**, and if you desaturate by 10%, it is **79.8713, 83.5638, 60.9232**.

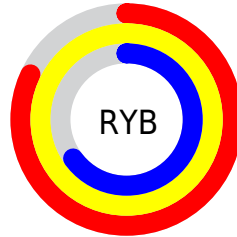
Distribution



Red (100%)

Green (88%)

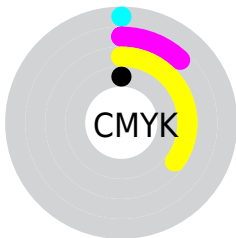
Blue (65%)



Red (82%)

Yellow (100%)

Blue (65%)

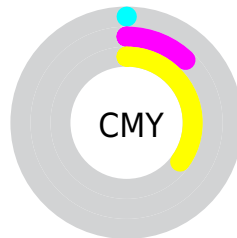


Cyan (0%)

Magenta (12%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (12%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9567, 77.8270, 46.6688 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 74.9567, 77.8270, 46.6688 by changing the saturation by 10% instead.


 74.9567, 77.8270,
46.6688


 74.9567, 77.8270,
46.6688


466.7682,
487.5791, 389.8464

 55.8715, 57.9319,
32.4214


 125.2393,
130.3062, 86.5638

 40.3365, 41.7539,
21.4161


 157.1674,
163.6591, 113.0486

 27.9864, 28.9086,
13.2343


194.1071,
202.2667, 144.4495

 18.4558, 19.0117,
7.4575

236.4239,
246.5134, 181.1852

 11.3794, 11.6787,
3.6671

284.4830,
296.7836, 223.6742

 6.3918, 6.5253,
1.4445

338.6499,

 3.1276, 3.1671,

353.4617, 272.3351

0.1761

399.2898,
416.9320, 327.5863

■ 1.2216, 1.2196,
0.0000

■ 0.1233, 0.0776,
0.0000

■ 74.9567, 77.8270,
46.6688

■ 74.9567, 77.8270,
46.6688

■ 70.6232, 72.5113,
34.8927

■ 79.8713, 83.5638,
60.9232

■ 66.8356, 67.5914,
25.4441

■ 85.3880, 89.7241,
77.7853

■ 63.5636, 63.0555,
18.1627

■ 91.5340, 96.3243,
97.3810

■ 60.7709, 58.8862,
12.8661

95.0500, 100.0000,
108.9000

■ 58.4154, 55.0638,
9.3414

■ 56.4455, 51.5649,
7.3259

■ 55.6178, 50.0155,
6.7226

Harmonies

Analogous

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



83.1819, 77.8270, 51.9239



74.9567, 77.8270, 46.6688



67.0461, 77.8270, 49.9251

Triad

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



74.9567, 77.8270, 46.6688



60.5285, 77.8270, 106.9255



88.1659, 77.8270, 112.7038

Complementary

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



74.9567, 77.8270, 46.6688



53.0816, 54.2478, 102.2809

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.



81.3596, 77.8270, 132.8467



74.9567, 77.8270, 46.6688



65.4687, 77.8270, 129.0945

Square

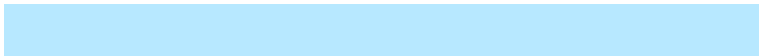
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9567, 77.8270, 46.6688



59.0927, 77.8270, 81.9642



72.9964, 77.8270, 139.3437



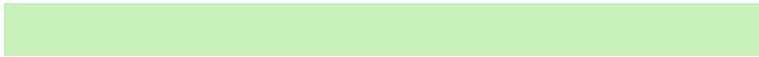
91.1607, 77.8270, 87.5785

Rectangle

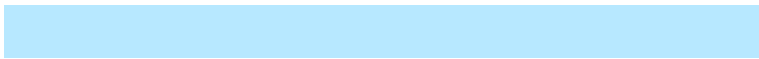
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9567, 77.8270, 46.6688



62.9398, 77.8270, 56.8932



72.9964, 77.8270, 139.3437



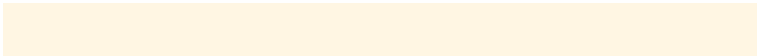
86.2240, 77.8270, 120.4514

Sweetspot

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



74.9587, 77.8306, 46.6704



87.9482, 92.5032, 85.8564



64.5460, 52.1112, 58.2871



18.6488, 19.6097, 17.8194



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

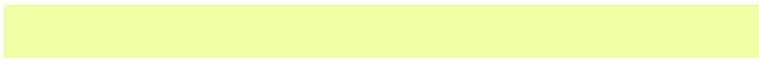
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9587, 77.8306, 46.6704



71.9890, 74.2183, 38.5068



78.4870, 92.7620, 49.3665



19.0213, 20.0108, 19.0043



29.2045, 26.4202, 3.5604



2.9441, 2.7735, 0.3802

Inverse Universe

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



53.0816, 54.2478, 102.2809



47.3008, 47.6188, 101.3061



50.3283, 43.8346, 100.4160



17.4976, 18.3667, 22.8729



11.2502, 7.4099, 50.2719



1.1910, 0.9127, 4.9267

Previews

White Background



This preview shows how the XYZ color 74.9567, 77.8270, 46.6688 looks on a white background.

Color Contrast Check

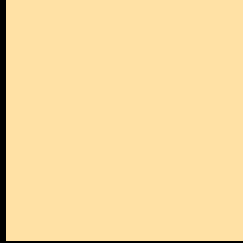
Large Text (above 18pt) WCAG AA × Fail

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 74.9567, 77.8270, 46.6688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

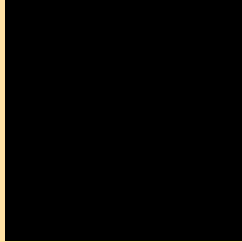
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9567, 77.8270, 46.6688

Background



This preview shows how black text looks on a background with the XYZ color 74.9567, 77.8270, 46.6688.



This preview shows how white text looks on a background with the XYZ color 74.9567, 77.8270,

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

74.9567, 77.8270, 46.6688

Protanopia

72.6324, 77.8328, 47.2715

Deuteranopia

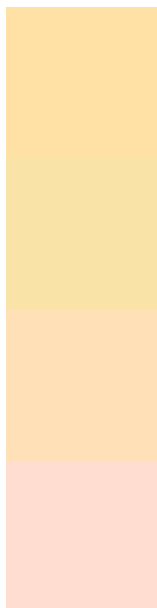
77.3653, 77.9304, 62.0034



Tritanopia

81.1370, 77.7492, 87.0747

Trichromacy



Original Color

74.9567, 77.8270, 46.6688

Protanomaly

73.4189, 77.8311, 47.2297

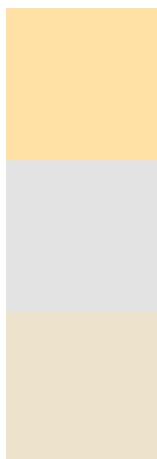
Deuteranomaly

76.4429, 77.9902, 55.8244

Tritanomaly

78.4816, 77.5270, 70.5023

Monochromacy



Original Color

74.9567, 77.8270, 46.6688

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.0205, 76.7569, 68.0937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9567, 77.8270, 46.6688 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, 225, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 165)  
}
```

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, 225, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 165) }
```

Border

The CSS property to change the border of an element to XYZ 74.9567, 77.8270, 46.6688 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, 225, 165) }
```


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

```
.border{ border-color:rgb(255, 225, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 225, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 225, 165); box-shadow:4px 4px 4px 4px rgb(255, 225, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9567, 77.8270, 46.6688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 165) }
```

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

```
.background{ background-color: rgb(255,  
225, 165) }
```

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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