

Converting Colors

XYZ(74.4722, 77.2460, 45.3108)

Have a look what the booklet for
XYZ(74.4722, 77.2460, 45.3108)
contains.

XYZ(74.4172, 77.1799, 45.1574)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.4172, 77.1799,
45.1574)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0A2
RGB	255, 224, 162
RGB Percent	100%, 88%, 64%
CMY	0.0000, 0.1215, 0.3647
CMYK	0.00, 0.12, 0.36, 0.00
HSL	40°, 100%, 82%
HSV	40°, 36%, 100%
XYZ	74.4172, 77.1799, 45.1574
YIQ	226.2010, 38.3780, -12.7100

Conversions

Conversions Part 2

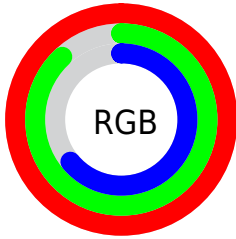
Format	Color
R _Y B	209, 255, 162
Decimal	16769186
CIE Lab	90.40, 2.20, 34.31
CIE LCh	90, 34.377, 86.333
Yxy	77.1799, 0.3782, 0.3923
Android (android.graphics.Color)	4294959266 (0xFFFFE0A2)
YUV	226.2010, -31.6511, 25.2567
Hunter-Lab	87.8521, -2.5385, 31.0204

Details

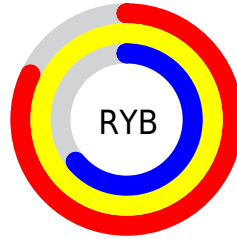
The XYZ color **74.4172, 77.1799, 45.1574** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.0197, 53.0396, 102.1036**, and the grayscale version is **72.6382, 76.4210, 83.2225**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **40.0284, 41.3720, 20.6277** is the 20% darker color. If you saturate the color by 10%, you get **70.1497, 71.9119, 33.6632**, and if you desaturate by 10%, it is **79.2624, 82.8673, 59.1134**.

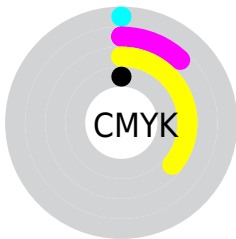
Distribution



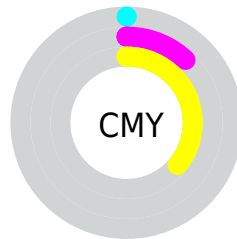
- Red (100%)
- Green (88%)
- Blue (64%)



- Red (82%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4172, 77.1799, 45.1574 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 74.4172, 77.1799, 45.1574 by changing the saturation by 10% instead.

 74.4172, 77.1799,
45.1574


 74.4172, 77.1799,
45.1574


464.9401,
485.3772, 383.5894

 55.4281, 57.4005,
31.2376


 124.4794,
129.3934, 84.2775

 39.9797, 41.3269,
20.5198


 156.2831,
162.5963, 110.3149

 27.7069, 28.5746,
12.5857


193.0891,
201.0426, 141.2285

 18.2442, 18.7593,
7.0165

235.2627,
245.1165, 177.4369

 11.2262, 11.4965,
3.3938

283.1692,
295.2025, 219.3587

 6.2876, 6.4018,
1.2991

337.1741,

 3.0630, 3.0909,

351.6851, 267.4123

0.0610

397.6426,
414.9485, 322.0163

■ 1.1872, 1.1794,
0.0000

■ 0.0962, 0.0448,
0.0000

■ 74.4172, 77.1799,
45.1574

■ 74.4172, 77.1799,
45.1574

■ 70.1497, 71.9119,
33.6632

■ 79.2624, 82.8673,
59.1134

■ 66.4245, 67.0380,
24.4782

■ 84.7068, 88.9767,
75.6619

■ 63.2108, 62.5461,
17.4403

■ 90.7774, 95.5245,
94.9298

■ 60.4719, 58.4187,
12.3640

95.0500, 100.0000,
108.9000

■ 58.1647, 54.6357,
9.0318

■ 56.2359, 51.1730,
7.1719

■ 55.6177, 50.0154,
6.7226

Harmonies

Analogous

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



82.8869, 77.1799, 50.5308



74.4172, 77.1799, 45.1574



66.2805, 77.1799, 48.4088

Triad

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



74.4172, 77.1799, 45.1574



59.5443, 77.1799, 106.7821



87.9602, 77.1799, 113.0397

Complementary

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



74.4172, 77.1799, 45.1574



52.0197, 53.0396, 102.1036

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.



80.9204, 77.1799, 133.8840



74.4172, 77.1799, 45.1574



64.5874, 77.1799, 129.8049

Square

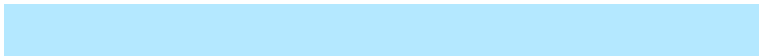
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4172, 77.1799, 45.1574



58.0961, 77.1799, 81.0505



72.3073, 77.1799, 140.5469



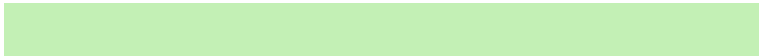
91.0810, 77.1799, 87.0935

Rectangle

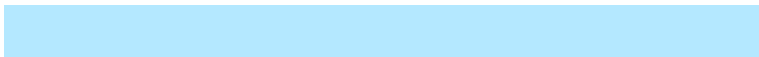
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4172, 77.1799, 45.1574



62.0601, 77.1799, 55.4553



72.3073, 77.1799, 140.5469



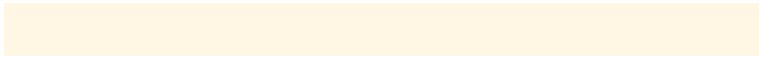
85.9482, 77.1799, 121.0570

Sweetspot

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



74.4191, 77.1835, 45.1590



87.9482, 92.5032, 85.8564



63.7865, 50.9517, 56.9256



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.



74.4191, 77.1835, 45.1590



71.1524, 73.1763, 36.2815



78.0475, 92.5666, 47.9370



19.0213, 20.0108, 19.0043



29.2044, 26.4201, 3.5604



2.9441, 2.7735, 0.3802

Inverse Universe

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



52.0197, 53.0396, 102.1036



45.7034, 45.7623, 101.0319



49.2167, 42.4675, 100.2108



17.4976, 18.3668, 22.8729



11.2502, 7.4099, 50.2719



1.1910, 0.9127, 4.9267

Previews

White Background



This preview shows how the XYZ color 74.4172, 77.1799, 45.1574 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 74.4172, 77.1799, 45.1574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

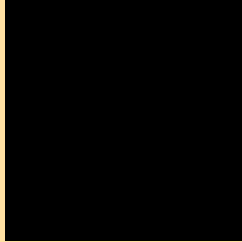
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4172, 77.1799, 45.1574

Background



This preview shows how black text looks on a background with the XYZ color 74.4172, 77.1799, 45.1574.



This preview shows how white text looks on a background with the XYZ color 74.4172, 77.1799,

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

74.4172, 77.1799, 45.1574

Protanopia

71.7361, 76.9950, 45.7310

Deuteranopia

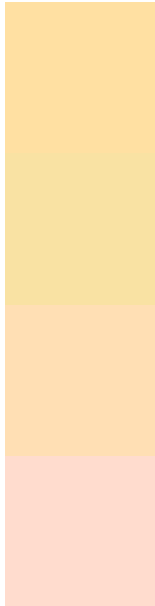
76.7652, 77.2641, 60.1577



Tritanopia

80.7352, 77.1723, 86.2418

Trichromacy



Original Color

74.4172, 77.1799, 45.1574

Protanomaly

72.8741, 77.1768, 45.7061

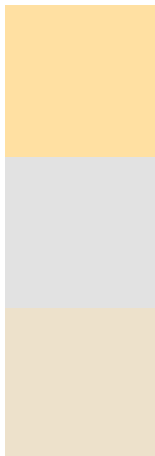
Deuteranomaly

75.8659, 77.3306, 54.1078

Tritanomaly

77.9738, 76.9026, 69.1266

Monochromacy



Original Color

74.4172, 77.1799, 45.1574

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.6298, 76.1667, 67.3736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4172, 77.1799, 45.1574 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 162) }
```

Border

The CSS property to change the border of an element to XYZ 74.4172, 77.1799, 45.1574 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, 162) }
```


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

```
.border{ border-color:rgb(255, 224, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4172, 77.1799, 45.1574 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
224, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor