

Converting Colors

XYZ(132.6045, 107.2276,
51.8369)

Have a look what the booklet for
XYZ(132.6045, 107.2276, 51.8369)
contains.

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Color

**XYZ(75.1514, 77.4736,
49.0232)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFE0AA |
| RGB | 255, 224, 170 |
| RGB Percent | 100%, 88%, 67% |
| CMY | 0.0000, 0.1215, 0.3333 |
| CMYK | 0.00, 0.12, 0.33, 0.00 |
| HSL | 38°, 100%, 83% |
| HSV | 38°, 33%, 100% |
| XYZ | 75.1514, 77.4736, 49.0232 |
| YIQ | 227.1130, 35.8100, -10.2220 |

Conversions

Conversions Part 2

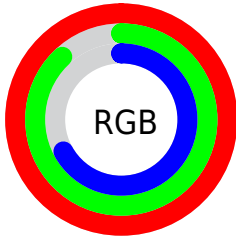
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 219, 255, 170 |
| Decimal | 16769194 |
| CIE Lab | 90.54, 3.13, 30.40 |
| CIE LCh | 91, 30.560, 84.125 |
| Yxy | 77.4736, 0.3727, 0.3842 |
| Android (android.graphics.Color) | 4294959274 (0xFFFFE0AA) |
| YUV | 227.1130, -28.1567, 24.4569 |
| Hunter-Lab | 88.0191, -1.6287, 28.5911 |

Details

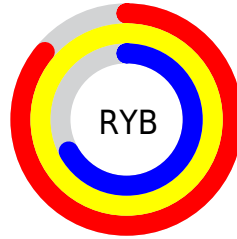
The XYZ color **75.1514, 77.4736, 49.0232** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.5136, 57.5375, 102.7877**, and the grayscale version is **73.2777, 77.0938, 83.9552**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **40.4248, 41.5306, 22.7152** is the 20% darker color. If you saturate the color by 10%, you get **70.5387, 71.7414, 36.7169**, and if you desaturate by 10%, it is **80.3725, 83.6734, 63.8424**.

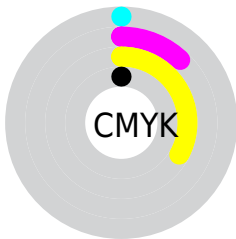
Distribution



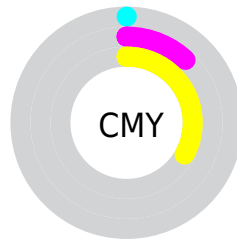
- Red (100%)
- Green (88%)
- Blue (67%)



- Red (86%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (12%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1514, 77.4736, 49.0232 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 75.1514, 77.4736, 49.0232 by changing the saturation by 10% instead.


 75.1514, 77.4736,
49.0232

 75.1514, 77.4736,
49.0232


467.4270,
486.3773, 399.4587

 56.0315, 57.6417,
34.2722


 125.5134,
129.8078, 90.1073

 40.4653, 41.5206,
22.8237

157.4863,
163.0788, 117.2773

 28.0874, 28.7261,
14.2593


194.4742,
201.5984, 149.4242

 18.5323, 18.8737,
8.1604

236.8425,
245.7508, 186.9663

 11.4348, 11.5791,
4.1085

284.9566,
295.9205, 230.3223

 6.4295, 6.4578,
1.6851

339.1818,

 3.1511, 3.1254,

352.4919, 279.9107

0.3505

399.8835,
415.8493, 336.1500

■ 1.2342, 1.1975,
0.0000

■ 0.1331, 0.0597,
0.0000

■ 75.1514, 77.4736,
49.0232

■ 75.1514, 77.4736,
49.0232

■ 70.5387, 71.7414,
36.7169

■ 80.3725, 83.6734,
63.8424

■ 66.4994, 66.4509,
26.7748

■ 86.2233, 90.3444,
81.3018

■ 63.0032, 61.5894,
19.0402

■ 92.7312, 97.5035,
101.5259

■ 60.0142, 57.1388,
13.3350

95.0500, 100.0000,
108.9000

■ 57.4910, 53.0789,
9.4530

■ 55.3839, 49.3858,
7.1438

■ 54.1633, 47.1067,
6.2378

Harmonies

Analogous

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



82.5917, 77.4736, 54.6326



75.1514, 77.4736, 49.0232



67.7896, 77.4736, 51.4697

Triad

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



75.1514, 77.4736, 49.0232



61.0178, 77.4736, 102.7606



86.2023, 77.4736, 111.5120

Complementary

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



75.1514, 77.4736, 49.0232



55.5136, 57.5375, 102.7877

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.



79.8099, 77.4736, 128.9101



75.1514, 77.4736, 49.0232



65.3529, 77.4736, 123.2765

Square

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



75.1514, 77.4736, 49.0232



59.9593, 77.4736, 80.1189



72.1418, 77.4736, 133.5501



89.2494, 77.4736, 88.7390

Rectangle

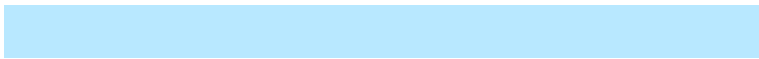
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1514, 77.4736, 49.0232



63.8681, 77.4736, 57.5991



72.1418, 77.4736, 133.5501



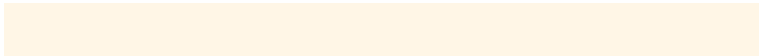
84.3530, 77.4736, 118.3305

Sweetspot

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



75.1533, 77.4771, 49.0248



88.3179, 92.6753, 87.7286



66.1775, 54.2352, 62.3425



18.7127, 19.6245, 18.1893



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

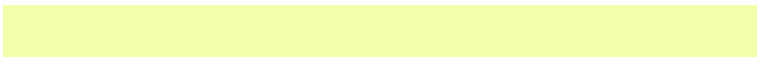
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1533, 77.4771, 49.0248



72.0111, 73.6026, 40.5483



80.2086, 93.5959, 51.8696



18.9717, 19.9115, 18.9877



28.4486, 24.9085, 3.3084



2.8740, 2.6334, 0.3568

Inverse Universe

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



55.5136, 57.5375, 102.7877



49.6422, 50.9030, 101.8166



51.5598, 45.8345, 100.7372



17.5453, 18.4622, 22.8888



11.6053, 8.1201, 50.3903



1.2296, 0.9899, 4.9395

Previews

White Background



This preview shows how the XYZ color 75.1514, 77.4736, 49.0232 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 75.1514, 77.4736, 49.0232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

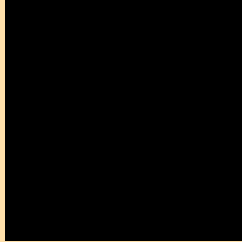
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1514, 77.4736, 49.0232

Background



This preview shows how black text looks on a background with the XYZ color 75.1514, 77.4736, 49.0232.



This preview shows how white text looks on a background with the XYZ color 75.1514, 77.4736,

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

75.1514, 77.4736, 49.0232

Protanopia

72.4980, 77.6985, 50.2060

Deuteranopia

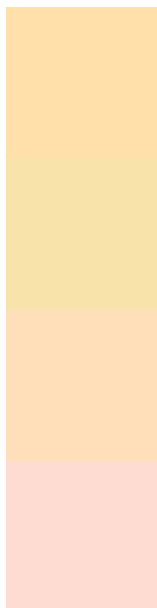
77.0989, 77.3976, 61.9146



Tritanopia

80.8769, 77.2290, 86.9879

Trichromacy



Original Color

75.1514, 77.4736, 49.0232

Protanomaly

73.5312, 77.8349, 49.6762

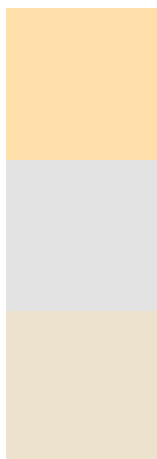
Deuteranomaly

76.3846, 77.5381, 56.8394

Tritanomaly

78.3418, 77.0498, 71.0646

Monochromacy



Original Color

75.1514, 77.4736, 49.0232

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2620, 76.8535, 69.3654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1514, 77.4736, 49.0232 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 170) }
```

Border

The CSS property to change the border of an element to XYZ 75.1514, 77.4736, 49.0232 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, 170) }
```


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

```
.border{ border-color:rgb(255, 224, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1514, 77.4736, 49.0232 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, 170) }
```

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

```
.background{ background-color: rgb(255,  
224, 170) }
```

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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