

Converting Colors

XYZ(74.0429, 77.3721, 55.2332)

Have a look what the booklet for
XYZ(74.0429, 77.3721, 55.2332)
contains.

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Color

**XYZ(74.3513, 77.7266,
55.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E2B6
RGB	248, 226, 182
RGB Percent	97%, 89%, 71%
CMY	0.0274, 0.1137, 0.2863
CMYK	0.00, 0.09, 0.27, 0.03
HSL	40°, 83%, 84%
HSV	40°, 27%, 97%
XYZ	74.3513, 77.7266, 55.3400
YIQ	227.5620, 27.2360, -9.0200

Conversions

Conversions Part 2

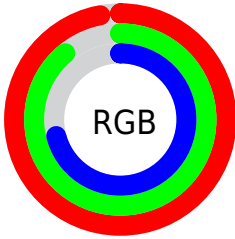
Format	Color
R _Y B	215, 248, 182
Decimal	16310966
CIE Lab	90.65, 0.98, 24.28
CIE LCh	91, 24.299, 87.684
Yxy	77.7266, 0.3585, 0.3747
Android (android.graphics.Color)	4294501046 (0xFFF8E2B6)
YUV	227.5620, -22.4621, 17.9241
Hunter-Lab	88.1627, -3.7482, 24.4974

Details

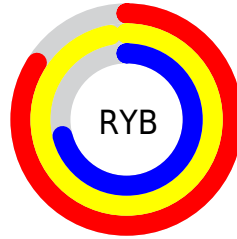
The XYZ color **74.3513, 77.7266, 55.3400** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.8272, 59.9066, 97.3226**, and the grayscale version is **73.5695, 77.4008, 84.2895**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **40.0112, 41.7872, 26.7258** is the 20% darker color. If you saturate the color by 10%, you get **69.8191, 72.4066, 42.2848**, and if you desaturate by 10%, it is **79.4499, 83.4519, 70.8250**.

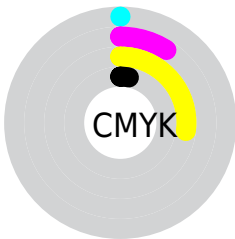
Distribution



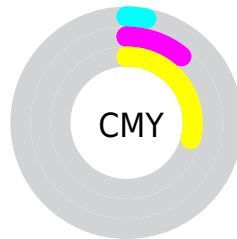
- Red (97%)
- Green (89%)
- Blue (71%)



- Red (84%)
- Yellow (97%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (27%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3513, 77.7266, 55.3400 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 74.3513, 77.7266, 55.3400 by changing the saturation by 10% instead.


 74.3513, 77.7266,
55.3400

 74.3513, 77.7266,
55.3400


464.7165,
487.2378, 424.5177

 55.3739, 57.8494,
39.2736


 124.3865,
130.1646, 99.5151

 39.9362, 41.6876,
26.6631


156.1750,
163.4943, 128.4608

 27.6728, 28.8568,
17.0902


192.9646,
202.0769, 162.5367

 18.2183, 18.9725,
10.1362

235.1207,
246.2968, 202.1613

 11.2075, 11.6504,
5.3826

283.0086,
296.5385, 247.7532

 6.2749, 6.5061,
2.4108

336.9936,

 3.0552, 3.1552,

353.1863, 299.7308

0.7923

397.4411,
416.6246, 358.5128

■ 1.1830, 1.2133,
0.0000

■ 0.0929, 0.0725,
0.0000

■ 74.3513, 77.7266,
55.3400

■ 74.3513, 77.7266,
55.3400

■ 69.8191, 72.4066,
42.2848

■ 79.4499, 83.4519,
70.8250

■ 65.8216, 67.4688,
31.5279

■ 85.1324, 89.5837,
88.8524

■ 62.3333, 62.9031,
22.9327

■ 91.1964, 96.0462,
108.3400

■ 59.3236, 58.6947,
16.3461

■ 92.5216, 98.6965,
108.7817

■ 56.7580, 54.8274,
11.5945

■ 54.5963, 51.2823,
8.4746

■ 52.7885, 48.0369,
6.7310

■ 52.2305, 46.9945,
6.3180

Harmonies

Analogous

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



80.3180, 77.7266, 59.3263



74.3513, 77.7266, 55.3400



68.5669, 77.7266, 58.2627

Triad

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



74.3513, 77.7266, 55.3400



63.9812, 77.7266, 101.1943



84.2257, 77.7266, 103.8634

Complementary

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



74.3513, 77.7266, 55.3400



57.8272, 59.9066, 97.3226

Split Complementary

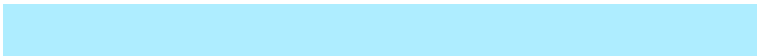
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4540, 77.7266, 117.9522



74.3513, 77.7266, 55.3400



67.7895, 77.7266, 116.2684

Square

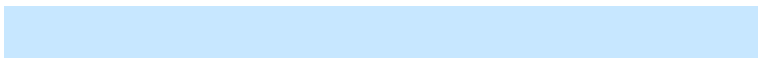
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3513, 77.7266, 55.3400



62.7791, 77.7266, 83.2823



73.4043, 77.7266, 122.7742



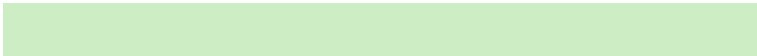
86.2109, 77.7266, 85.9943

Rectangle

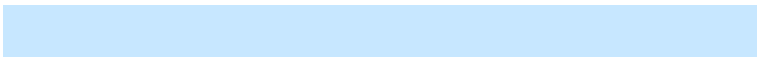
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3513, 77.7266, 55.3400



65.5487, 77.7266, 63.9943



73.4043, 77.7266, 122.7742



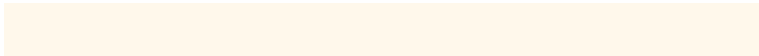
82.8820, 77.7266, 109.2865

Sweetspot

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



74.3533, 77.7301, 55.3416



89.8071, 94.4939, 91.8004



66.3392, 57.7730, 64.7825



19.0213, 20.0109, 19.0043



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.



74.3533, 77.7301, 55.3416



76.5118, 79.6730, 51.0842



76.9365, 88.5172, 57.2876



18.2116, 19.1590, 18.2006



28.3491, 25.6549, 3.4577



2.7230, 2.5709, 0.3527

Inverse Universe

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



57.8272, 59.9066, 97.3226



56.1642, 57.7339, 102.7913



55.6645, 51.5717, 95.8278



16.7556, 17.5880, 21.8970



10.9239, 7.2034, 48.7882



1.1049, 0.8535, 4.5497

Previews

White Background



This preview shows how the XYZ color 74.3513, 77.7266, 55.3400 looks on a white background.

Color Contrast Check

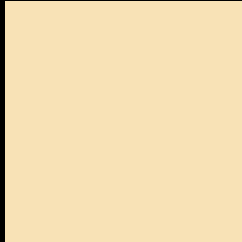
Large Text (above 18pt) WCAG AA × Fail

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 74.3513, 77.7266, 55.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

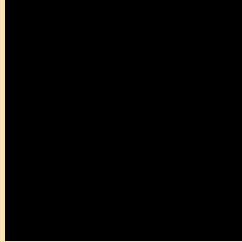
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3513, 77.7266, 55.3400

Background



This preview shows how black text looks on a background with the XYZ color 74.3513, 77.7266, 55.3400.



This preview shows how white text looks on a background with the XYZ color 74.3513, 77.7266,

55.3400.

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

74.3513, 77.7266, 55.3400

Protanopia

72.9086, 77.7829, 55.9707

Deuteranopia

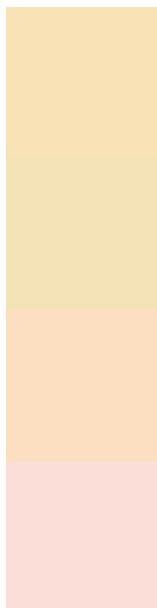
77.5543, 77.5798, 64.3129



Tritanopia

81.3449, 77.7900, 90.0845

Trichromacy



Original Color

74.3513, 77.7266, 55.3400

Protanomaly

73.3246, 77.5902, 55.9115

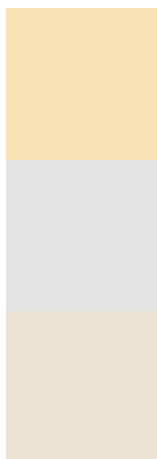
Deuteranomaly

76.0470, 77.2766, 60.7769

Tritanomaly

78.6608, 77.8959, 75.8553

Monochromacy



Original Color

74.3513, 77.7266, 55.3400

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4879, 77.3035, 72.6759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3513, 77.7266, 55.3400 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(248, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(248, 226, 182)  
}
```

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(248, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 226, 182) }
```

Border

The CSS property to change the border of an element to XYZ 74.3513, 77.7266, 55.3400 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(248, 226, 182) }
```


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

```
.border{ border-color:rgb(248, 226, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 226, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 226, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 226, 182);  
box-shadow:4px 4px 4px 4px rgb(248, 226,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3513, 77.7266, 55.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 226, 182) }
```

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

```
.background{ background-color: rgb(248,  
226, 182) }
```

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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