

Converting Colors

XYZ(142.0461, 111.4537,
44.3692)

Have a look what the booklet for
XYZ(142.0461, 111.4537, 44.3692)
contains.

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Color

**XYZ(73.1110, 75.8025,
40.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDE99
RGB	255, 222, 153
RGB Percent	100%, 87%, 60%
CMY	0.0000, 0.1294, 0.4000
CMYK	0.00, 0.13, 0.40, 0.00
HSL	41°, 100%, 80%
HSV	41°, 40%, 100%
XYZ	73.1110, 75.8025, 40.9150
YIQ	224.0010, 41.8170, -14.4630

Conversions

Conversions Part 2

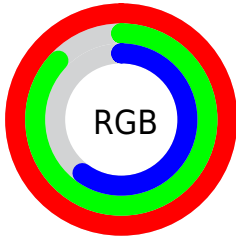
Format	Color
R_{YB}	202, 255, 153
Decimal	16768665
CIE _{Lab}	89.77, 2.23, 38.03
CIE _{LCh}	90, 38.100, 86.643
Yxy	75.8025, 0.3851, 0.3993
Android (android.graphics.Color)	4294958745 (0xFFFFDE99)
YUV	224.0010, -35.0035, 27.1861
Hunter-Lab	87.0646, -2.4709, 33.0826

Details

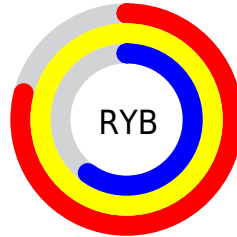
The XYZ color **73.1110, 75.8025, 40.9150** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.7451, 49.1083, 101.5171**, and the grayscale version is **71.0753, 74.7767, 81.4318**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **39.1936, 40.4473, 18.0533** is the 20% darker color. If you saturate the color by 10%, you get **69.0889, 70.7762, 30.2706**, and if you desaturate by 10%, it is **77.6942, 81.2302, 53.9684**.

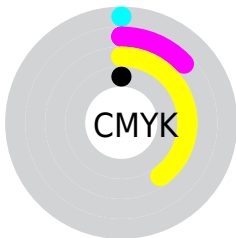
Distribution



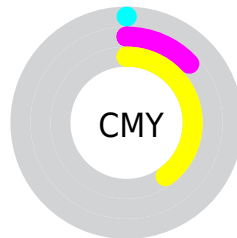
- Red (100%)
- Green (87%)
- Blue (60%)



- Red (79%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1110, 75.8025, 40.9150 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 73.1110, 75.8025, 40.9150 by changing the saturation by 10% instead.


 73.1110, 75.8025,
40.9150


 73.1110, 75.8025,
40.9150


460.4973,
480.6714, 365.6313

 54.3554, 56.2706,
27.9335


 122.6371,
127.4477, 77.8071

 39.1177, 40.4199,
18.0369


 154.1383,
160.3297, 102.5548

 27.0324, 27.8661,
10.8068


190.6187,
198.4306, 132.0616

 17.7343, 18.2247,
5.8245

232.4438,
242.1347, 166.7460

 10.8579, 11.1115,
2.6716

279.9788,
291.8265, 207.0267

 6.0380, 6.1419,
0.9291

333.5892,

 2.9091, 2.9315,

347.8902, 253.3221

0.0000

393.6402,
410.7104, 306.0508

■ 1.1059, 1.0961,
0.0000

■ 0.0300, 0.0000,
0.0000

■ 73.1110, 75.8025,
40.9150

■ 73.1110, 75.8025,
40.9150

■ 69.0889, 70.7762,
30.2706

■ 77.6942, 81.2302,
53.9684

■ 65.5917, 66.1263,
21.8776

■ 82.8606, 87.0624,
69.5656

■ 62.5876, 61.8401,
15.5670

■ 88.6379, 93.3151,
87.8368

■ 60.0378, 57.8997,
11.1437

95.0499, 99.9999,
108.9000

■ 57.8968, 54.2844,
8.3748

■ 56.0908, 50.9618,
6.8804

■ 56.0907, 50.9615,
6.8803

Harmonies

Analogous

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



82.4437, 75.8025, 46.4281



73.1110, 75.8025, 40.9150



64.2477, 75.8025, 44.3942

Triad

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



73.1110, 75.8025, 40.9150



57.0786, 75.8025, 107.9754



88.2133, 75.8025, 114.3743

Complementary

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



73.1110, 75.8025, 40.9150



48.7451, 49.1083, 101.5171

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.



80.4555, 75.8025, 137.9477



73.1110, 75.8025, 40.9150



62.5651, 75.8025, 133.7249

Square

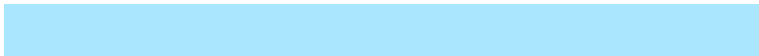
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1110, 75.8025, 40.9150



55.4782, 75.8025, 79.5435



70.9954, 75.8025, 145.6995



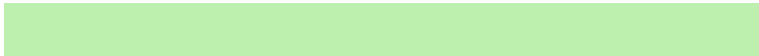
91.6266, 75.8025, 85.6027

Rectangle

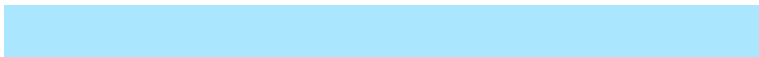
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1110, 75.8025, 40.9150



59.6962, 75.8025, 51.8704



70.9954, 75.8025, 145.6995



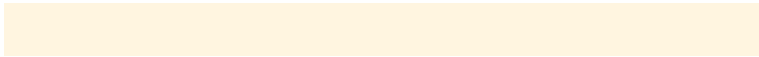
85.9959, 75.8025, 123.3905

Sweetspot

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



73.1129, 75.8060, 40.9165



87.4321, 92.0300, 83.9612



61.6013, 47.6311, 52.9615



18.5485, 19.5206, 17.4424



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.



73.1129, 75.8060, 40.9165



69.8504, 71.7511, 32.2135



76.7698, 91.9969, 43.8490



19.0369, 20.0419, 19.0095



29.4501, 26.9114, 3.6422



2.9667, 2.8188, 0.3877

Inverse Universe

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



48.7451, 49.1083, 101.5171



42.4490, 41.7524, 100.4295



46.0195, 38.5494, 99.6227



17.4827, 18.3370, 22.8679



11.1467, 7.2030, 50.2374



1.1796, 0.8898, 4.9229

Previews

White Background



This preview shows how the XYZ color 73.1110, 75.8025, 40.9150 looks on a white background.

Color Contrast Check

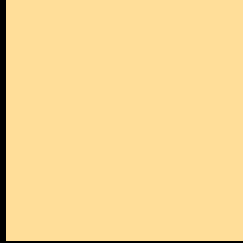
Large Text (above 18pt) WCAG AA × Fail

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 73.1110, 75.8025, 40.9150 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 73.1110, 75.8025, 40.9150

Background



This preview shows how black text looks on a background with the XYZ color 73.1110, 75.8025, 40.9150.



This preview shows how white text looks on a background with the XYZ color 73.1110, 75.8025,

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

73.1110, 75.8025, 40.9150

Protanopia

70.4210, 75.9924, 41.9668

Deuteranopia

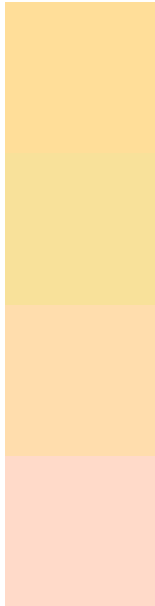
75.4849, 75.9071, 56.0204



Tritanopia

79.7995, 75.9732, 83.8572

Trichromacy



Original Color

73.1110, 75.8025, 40.9150

Protanomaly

71.4693, 76.1400, 41.5015

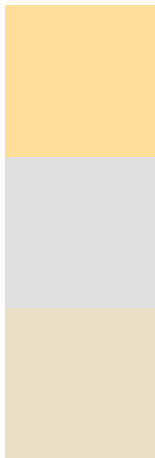
Deuteranomaly

74.6393, 75.9900, 50.2688

Tritanomaly

76.8540, 75.6199, 65.8038

Monochromacy



Original Color

73.1110, 75.8025, 40.9150

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.8417, 74.5147, 64.0751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1110, 75.8025, 40.9150 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, 222, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 153)  
}
```

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, 222, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 153) }
```

Border

The CSS property to change the border of an element to XYZ 73.1110, 75.8025, 40.9150 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, 222, 153) }
```


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

```
.border{ border-color:rgb(255, 222, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1110, 75.8025, 40.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 153) }
```

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

```
.background{ background-color: rgb(255,  
222, 153) }
```

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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