

Converting Colors

XYZ(94.6440, 86.1000, 57.2346)

Have a look what the booklet for
XYZ(94.6440, 86.1000, 57.2346)
contains.

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Color

**XYZ(75.7482, 76.4336,
56.1082)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDB8
RGB	255, 221, 184
RGB Percent	100%, 87%, 72%
CMY	0.0000, 0.1333, 0.2784
CMYK	0.00, 0.13, 0.28, 0.00
HSL	31°, 100%, 86%
HSV	31°, 28%, 100%
XYZ	75.7482, 76.4336, 56.1082
YIQ	226.9480, 32.1410, -4.2990

Conversions

Conversions Part 2

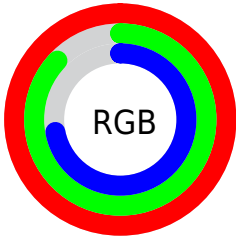
Format	Color
RYB	249, 255, 184
Decimal	16768440
CIELab	90.06, 6.41, 22.52
CIELCh	90, 23.414, 74.104
Yxy	76.4336, 0.3637, 0.3670
Android (android.graphics.Color)	4294958520 (0xFFFFDDB8)
YUV	226.9480, -21.1734, 24.6016
Hunter-Lab	87.4263, 1.6605, 23.1475

Details

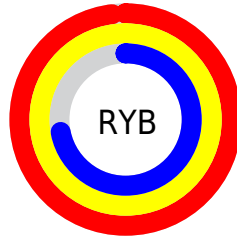
The XYZ color **75.7482, 76.4336, 56.1082** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.8878, 67.5510, 104.3319**, and the grayscale version is **73.1102, 76.9176, 83.7633**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **40.7589, 40.7814, 27.1961** is the 20% darker color. If you saturate the color by 10%, you get **70.2056, 69.2473, 42.2405**, and if you desaturate by 10%, it is **82.0109, 84.2884, 72.5947**.

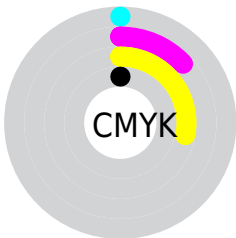
Distribution



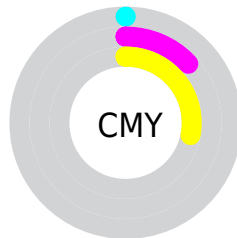
- Red (100%)
- Green (87%)
- Blue (72%)



- Red (98%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (13%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7482, 76.4336, 56.1082 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 75.7482, 76.4336, 56.1082 by changing the saturation by 10% instead.


 75.7482, 76.4336,
56.1082

 75.7482, 76.4336,
56.1082

469.4430,
482.8307, 427.4989

 56.5224, 56.7881,
39.8851


 126.3532,
128.3396, 100.6501

 40.8605, 40.8352,
27.1359


158.4630,
161.3690, 129.8060

 28.3973, 28.1903,
17.4419


195.5983,
199.6284, 164.1100

 18.7674, 18.4692,
10.3848

238.1243,
243.5024, 203.9805

 11.6053, 11.2873,
5.5459

286.4064,
293.3751, 249.8361

 6.5458, 6.2605,
2.5067

340.8100,

 3.2235, 3.0041,

349.6312, 302.0953

0.8437

401.7004,
412.6549, 361.1768

■ 1.2730, 1.1339,
0.0000

■ 0.1629, 0.0067,
0.0000

■ 75.7482, 76.4336,
56.1082

■ 75.7482, 76.4336,
56.1082

■ 70.2056, 69.2473,
42.2405

■ 82.0109, 84.2884,
72.5947

■ 65.3465, 62.6990,
30.8490

■ 89.0168, 92.8205,
91.8231

■ 61.1395, 56.7706,
21.7842

95.0500, 100.0000,
108.9000

■ 57.5478, 51.4387,
14.8786

■ 54.5300, 46.6782,
9.9418

■ 52.0382, 42.4606,
6.7494

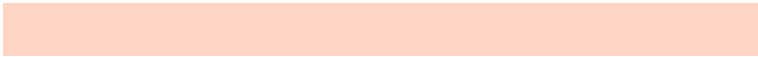
■ 50.0098, 38.7514,
5.0020

■ 49.6148, 38.0096,
4.7216

Harmonies

Analogous

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



80.9617, 76.4336, 62.8982



75.7482, 76.4336, 56.1082



69.9616, 76.4336, 55.9095

Triad

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



75.7482, 76.4336, 56.1082



62.3508, 76.4336, 91.2590



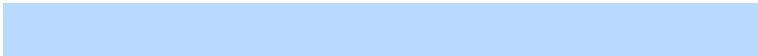
80.6967, 76.4336, 108.3542

Complementary

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



75.7482, 76.4336, 56.1082



62.8878, 67.5510, 104.3319

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.



75.4020, 76.4336, 118.2373



75.7482, 76.4336, 56.1082



64.9236, 76.4336, 107.5135

Square

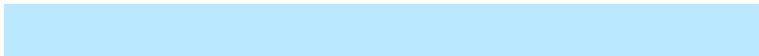
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7482, 76.4336, 56.1082



62.4324, 76.4336, 74.7709



69.6333, 76.4336, 117.9106



83.9209, 76.4336, 92.2896

Rectangle

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



75.7482, 76.4336, 56.1082



66.5671, 76.4336, 59.4601



69.6333, 76.4336, 117.9106



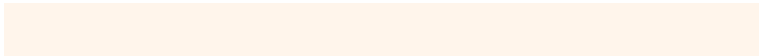
79.0880, 76.4336, 112.5991

Sweetspot

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



75.7501, 76.4370, 56.1098



88.9005, 92.6807, 91.4982



71.0774, 60.6203, 74.5025



18.7927, 19.5536, 18.9281



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.



75.7501, 76.4370, 56.1098



72.8029, 72.6475, 48.6384



85.2179, 96.0170, 59.3901



18.7927, 19.5536, 18.9281



26.0753, 20.1619, 2.5173



2.6483, 2.1820, 0.2816

Inverse Universe

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



62.8878, 67.5510, 104.3319



58.1412, 62.5196, 103.6109



55.2432, 51.8391, 101.7021



17.7206, 18.8127, 22.9472



13.2215, 11.3526, 50.9290



1.3959, 1.3226, 4.9950

Previews

White Background



This preview shows how the XYZ color 75.7482, 76.4336, 56.1082 looks on a white background.

Color Contrast Check

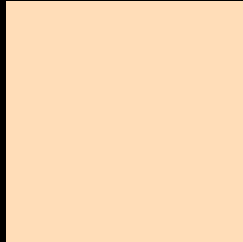
Large Text (above 18pt) WCAG AA × Fail

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 75.7482, 76.4336, 56.1082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

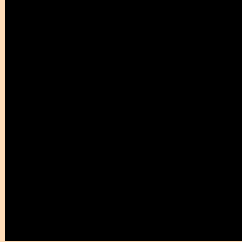
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7482, 76.4336, 56.1082

Background



This preview shows how black text looks on a background with the XYZ color 75.7482, 76.4336, 56.1082.



This preview shows how white text looks on a background with the XYZ color 75.7482, 76.4336,

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

75.7482, 76.4336, 56.1082

Protanopia

71.9945, 76.4631, 57.4187

Deuteranopia

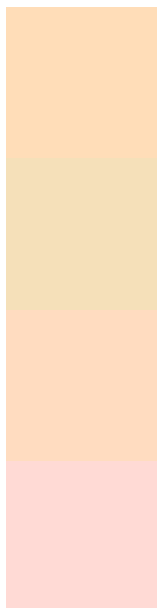
76.7970, 76.4319, 62.9298



Tritanopia

80.3358, 76.5989, 85.4138

Trichromacy



Original Color

75.7482, 76.4336, 56.1082

Protanomaly

73.0688, 76.2266, 56.7610

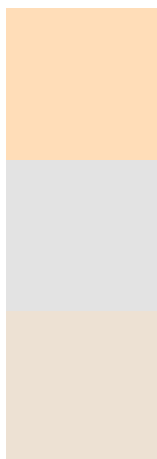
Deuteranomaly

76.3476, 76.2522, 60.5634

Tritanomaly

78.3216, 76.2069, 73.5322

Monochromacy



Original Color

75.7482, 76.4336, 56.1082

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.6081, 76.5581, 72.5256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7482, 76.4336, 56.1082 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, 221, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 184)  
}
```

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, 221, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 184) }
```

Border

The CSS property to change the border of an element to XYZ 75.7482, 76.4336, 56.1082 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, 221, 184) }
```


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

```
.border{ border-color:rgb(255, 221, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7482, 76.4336, 56.1082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 184) }
```

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

```
.background{ background-color: rgb(255,  
221, 184) }
```

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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