

Converting Colors

XYZ(85.2173, 81.2821, 56.0108)

Have a look what the booklet for
XYZ(85.2173, 81.2821, 56.0108)
contains.

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Color

**XYZ(75.6437, 76.3918,
55.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDB7
RGB	255, 221, 183
RGB Percent	100%, 87%, 72%
CMY	0.0000, 0.1333, 0.2823
CMYK	0.00, 0.13, 0.28, 0.00
HSL	32°, 100%, 86%
HSV	32°, 28%, 100%
XYZ	75.6437, 76.3918, 55.5580
YIQ	226.8340, 32.4620, -4.6100

Conversions

Conversions Part 2

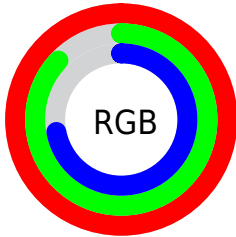
Format	Color
RYP	247, 255, 183
Decimal	16768439
CIELab	90.04, 6.28, 23.01
CIELCh	90, 23.854, 74.728
Yxy	76.3918, 0.3644, 0.3680
Android (android.graphics.Color)	4294958519 (0xFFFFDDB7)
YUV	226.8340, -21.6102, 24.7016
Hunter-Lab	87.4024, 1.5313, 23.4935

Details

The XYZ color **75.6437, 76.3918, 55.5580** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.3906, 66.9109, 104.2345**, and the grayscale version is **73.0302, 76.8334, 83.6716**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **40.6914, 40.7545, 26.8408** is the 20% darker color. If you saturate the color by 10%, you get **70.1610, 69.2961, 41.8010**, and if you desaturate by 10%, it is **81.8390, 84.1427, 71.9266**.

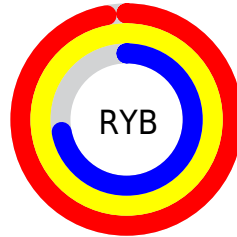
Distribution



Red (100%)

Green (87%)

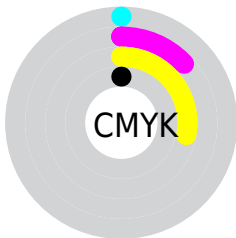
Blue (72%)



Red (97%)

Yellow (100%)

Blue (72%)

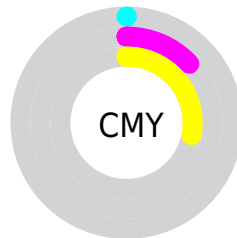


Cyan (0%)

Magenta (13%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6437, 76.3918, 55.5580 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 75.6437, 76.3918, 55.5580 by changing the saturation by 10% instead.


 75.6437, 76.3918,
55.5580

 75.6437, 76.3918,
55.5580


469.0903,
482.6878, 425.3651

 56.4364, 56.7538,
39.4470


 126.2062,
128.2806, 99.8374

 40.7913, 40.8076,
26.7972


158.2921,
161.3002, 128.8429

 28.3430, 28.1688,
17.1899

195.4016,
199.5492, 162.9836

 18.7262, 18.4529,
10.2066

237.9000,
243.4118, 202.6781

 11.5754, 11.2757,
5.4287

286.1527,
293.2727, 248.3450

 6.5254, 6.2526,
2.4378

340.5251,

 3.2108, 2.9993,

349.5160, 300.4028

0.8069

401.3825,
412.5263, 359.2699

■ 1.2662, 1.1313,
0.0000

■ 0.1577, 0.0045,
0.0000

■ 75.6437, 76.3918,
55.5580

■ 75.6437, 76.3918,
55.5580

■ 70.1610, 69.2961,
41.8010

■ 81.8390, 84.1427,
71.9266

■ 65.3546, 62.8253,
30.5124

■ 88.7699, 92.5574,
91.0300

■ 61.1931, 56.9618,
21.5424

95.0500, 100.0000,
108.9000

■ 57.6396, 51.6828,
14.7228

■ 54.6530, 46.9633,
9.8621

■ 52.1851, 42.7753,
6.7344

■ 50.1717, 39.0840,
5.0289

■ 49.8486, 38.4773,
4.7995

Harmonies

Analogous

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



80.9875, 76.3918, 62.3055



75.6437, 76.3918, 55.5580



69.7562, 76.3918, 55.4969

Triad

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



75.6437, 76.3918, 55.5580



62.1594, 76.3918, 91.7322



80.9055, 76.3918, 108.5177

Complementary

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



75.6437, 76.3918, 55.5580



62.3906, 66.9109, 104.2345

Split Complementary

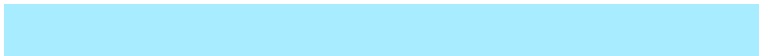
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5367, 76.3918, 118.8046



75.6437, 76.3918, 55.5580



64.8276, 76.3918, 108.2571

Square

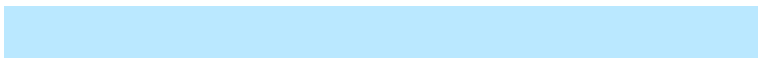
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6437, 76.3918, 55.5580



62.1846, 76.3918, 74.8937



69.6548, 76.3918, 118.7032



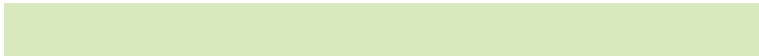
84.1358, 76.3918, 92.0510

Rectangle

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



75.6437, 76.3918, 55.5580



66.3227, 76.3918, 59.1873



69.6548, 76.3918, 118.7032



79.2786, 76.3918, 112.9062

Sweetspot

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



75.6456, 76.3952, 55.5596



88.9416, 92.7629, 91.5119



70.8027, 60.1793, 74.0773



18.8031, 19.5743, 18.9315



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.



75.6456, 76.3952, 55.5596



72.3989, 72.2244, 47.3174



85.1073, 95.9721, 58.8396



18.8031, 19.5743, 18.9315



26.1978, 20.4069, 2.5581



2.6602, 2.2058, 0.2856

Inverse Universe

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



62.3906, 66.9109, 104.2345



57.1206, 61.2942, 103.4281



54.7994, 51.3030, 101.6220



17.7103, 18.7922, 22.9438



13.1129, 11.1353, 50.8928



1.3851, 1.3009, 4.9914

Previews

White Background



This preview shows how the XYZ color 75.6437, 76.3918, 55.5580 looks on a white background.

Color Contrast Check

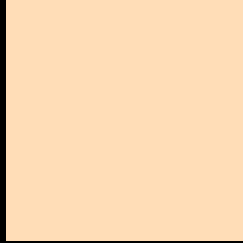
Large Text (above 18pt) WCAG AA × Fail

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 75.6437, 76.3918, 55.5580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

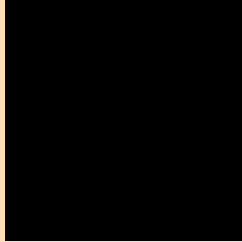
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6437, 76.3918, 55.5580

Background



This preview shows how black text looks on a background with the XYZ color 75.6437, 76.3918, 55.5580.



This preview shows how white text looks on a background with the XYZ color 75.6437, 76.3918,

55.5580.

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

75.6437, 76.3918, 55.5580

Protanopia

71.8885, 76.4208, 56.8607

Deuteranopia

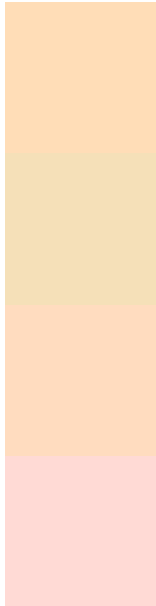
76.6835, 76.3865, 62.3322



Tritanopia

80.3358, 76.5989, 85.4138

Trichromacy



Original Color

75.6437, 76.3918, 55.5580

Protanomaly

72.9636, 76.1845, 56.2069

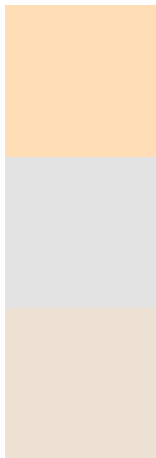
Deuteranomaly

76.2372, 76.2080, 59.9817

Tritanomaly

78.3216, 76.2069, 73.5322

Monochromacy



Original Color

75.6437, 76.3918, 55.5580

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 75.6437, 76.3918, 55.5580 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 183) }
```

Border

The CSS property to change the border of an element to XYZ 75.6437, 76.3918, 55.5580 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, 183) }
```


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

```
.border{ border-color:rgb(255, 221, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6437, 76.3918, 55.5580 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, 183) }
```

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

```
.background{ background-color: rgb(255,  
221, 183) }
```

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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