

Converting Colors

XYZ(73.1189, 73.4448, 55.5902)

Have a look what the booklet for
XYZ(73.1189, 73.4448, 55.5902)
contains.

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Color

**XYZ(73.2482, 73.5956,
55.6922)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD9B8
RGB	251, 217, 184
RGB Percent	98%, 85%, 72%
CMY	0.0157, 0.1490, 0.2784
CMYK	0.00, 0.14, 0.27, 0.02
HSL	30°, 89%, 85%
HSV	30°, 27%, 98%
XYZ	73.2482, 73.5956, 55.6922
YIQ	223.4040, 30.8570, -3.0550

Conversions

Conversions Part 2

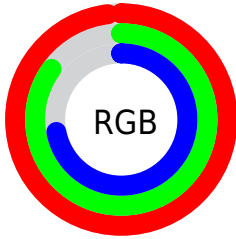
Format	Color
RYB	251, 249, 184
Decimal	16505272
CIELab	88.73, 6.99, 20.62
CIELCh	89, 21.775, 71.289
Yxy	73.5956, 0.3617, 0.3634
Android (android.graphics.Color)	4294695352 (0xFFFFBD9B8)
YUV	223.4040, -19.4262, 24.2017
Hunter-Lab	85.7879, 2.2797, 21.5613

Details

The XYZ color **73.2482, 73.5956, 55.6922** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.2505, 67.2963, 100.9755**, and the grayscale version is **70.5467, 74.2206, 80.8262**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **39.2652, 38.9487, 26.9211** is the 20% darker color. If you saturate the color by 10%, you get **67.6905, 66.3237, 41.9903**, and if you desaturate by 10%, it is **79.5299, 81.5677, 71.9402**.

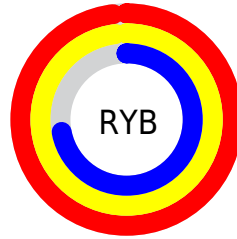
Distribution



Red (98%)

Green (85%)

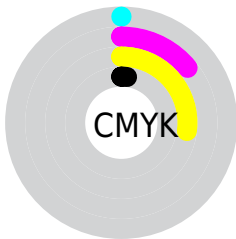
Blue (72%)



Red (98%)

Yellow (98%)

Blue (72%)

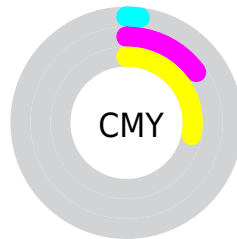


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2482, 73.5956, 55.6922 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 73.2482, 73.5956, 55.6922 by changing the saturation by 10% instead.


 73.2482, 73.5956,
55.6922

 73.2482, 73.5956,
55.6922


460.9651,
473.0765, 425.8862

 54.4680, 54.4631,
39.5539

 122.8307,
124.3224, 100.0357

 39.2081, 38.9720,
26.8797


154.3638,
156.6855, 129.0779

 27.1031, 26.7380,
17.2513


190.8786,
194.2275, 163.2585

 17.7877, 17.3765,
10.2500

232.7404,
237.3330, 202.9961

 10.8964, 10.5033,
5.4572

280.3146,
286.3862, 248.7091

 6.0640, 5.7339,
2.4546

333.9665,

 2.9251, 2.6840,

341.7716, 300.8160

0.8159

394.0616,
403.8736, 359.7356

■ 1.1143, 0.9691,
0.0000

■ 0.0370, 0.0000,
0.0000

■ 73.2482, 73.5956,
55.6922

■ 73.2482, 73.5956,
55.6922

■ 67.6905, 66.3237,
41.9903

■ 79.5299, 81.5677,
71.9402

■ 62.8208, 59.7206,
30.6980

■ 86.5583, 90.2500,
90.8519

■ 58.6081, 53.7671,
21.6731

■ 93.5937, 99.2493,
108.8318

■ 55.0164, 48.4391,
14.7560

■ 52.0055, 43.7103,
9.7662

■ 49.5290, 39.5516,
6.4923

■ 47.5300, 35.9289,
4.6683

■ 46.9472, 34.8361,
4.2497

Harmonies

Analogous

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



77.8353, 73.5956, 62.4858



73.2482, 73.5956, 55.6922



67.9876, 73.5956, 54.9335

Triad

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



73.2482, 73.5956, 55.6922



60.4860, 73.5956, 85.9429



76.8446, 73.5956, 103.9493

Complementary

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



73.2482, 73.5956, 55.6922



62.2505, 67.2963, 100.9755

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.



71.9507, 73.5956, 112.0565



73.2482, 73.5956, 55.6922



62.6168, 73.5956, 100.8246

Square

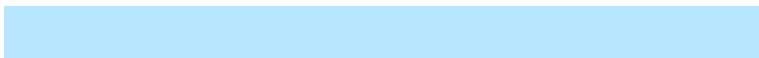
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2482, 73.5956, 55.6922



60.7943, 73.5956, 71.1883



66.7531, 73.5956, 110.8462



79.9825, 73.5956, 89.7975

Rectangle

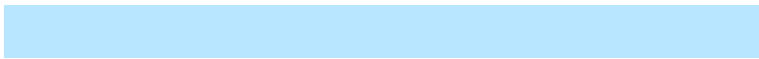
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2482, 73.5956, 55.6922



64.8239, 73.5956, 57.8248



66.7531, 73.5956, 110.8462



75.3403, 73.5956, 107.5474

Sweetspot

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



73.2501, 73.5990, 55.6937



88.7241, 92.3279, 91.4394



69.6605, 59.8854, 74.6418



18.7483, 19.4648, 18.9133



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.



73.2501, 73.5990, 55.6937



72.7664, 72.1822, 49.8358



82.5851, 92.2689, 58.8054



17.9507, 18.6373, 18.1136



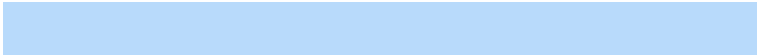
24.8224, 18.6015, 2.2822



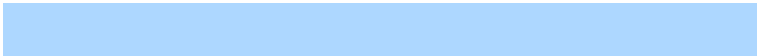
2.4048, 1.9345, 0.2467

Inverse Universe

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



62.2505, 67.2963, 100.9755



59.6224, 64.6503, 103.9441



54.5540, 51.9031, 98.4100



17.0110, 18.0989, 21.9822



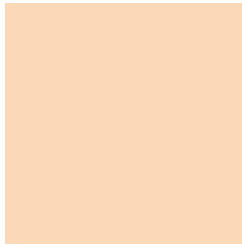
13.3123, 11.9801, 49.5843



1.3390, 1.3218, 4.6277

Previews

White Background



This preview shows how the XYZ color 73.2482, 73.5956, 55.6922 looks on a white background.

Color Contrast Check

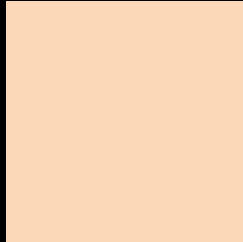
Large Text (above 18pt) WCAG AA × Fail

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 73.2482, 73.5956, 55.6922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

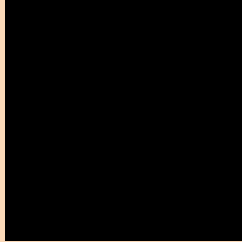
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2482, 73.5956, 55.6922

Background



This preview shows how black text looks on a background with the XYZ color 73.2482, 73.5956, 55.6922.



This preview shows how white text looks on a background with the XYZ color 73.2482, 73.5956,

55.6922.

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

73.2482, 73.5956, 55.6922

Protanopia

69.3519, 73.4926, 57.5440

Deuteranopia

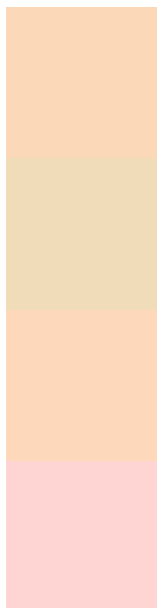
74.6175, 73.4917, 57.8295



Tritanopia

78.3994, 73.3946, 82.7075

Trichromacy



Original Color

73.2482, 73.5956, 55.6922

Protanomaly

70.7318, 73.4323, 56.9003

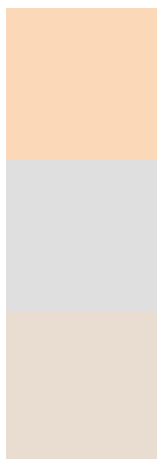
Deuteranomaly

74.3986, 73.7704, 57.3316

Tritanomaly

76.4252, 73.3625, 71.7603

Monochromacy



Original Color

73.2482, 73.5956, 55.6922

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.9693, 73.6400, 70.7951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2482, 73.5956, 55.6922 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(251, 217, 184)` looks like.

```
.text, #text, p{  
    color:rgb(251, 217, 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(251, 217, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 217, 184) }
```

Border

The CSS property to change the border of an element to XYZ 73.2482, 73.5956, 55.6922 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(251, 217, 184) }
```


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

```
.border{ border-color:rgb(251, 217, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 217, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 217, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 217, 184);  
box-shadow:4px 4px 4px 4px rgb(251, 217,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2482, 73.5956, 55.6922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 217, 184) }
```

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

```
.background{ background-color: rgb(251,  
217, 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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