

Converting Colors

XYZ(73.5922, 75.8740, 56.1153)

Have a look what the booklet for
XYZ(73.5922, 75.8740, 56.1153)
contains.

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Color

**XYZ(73.4844, 75.6597,
56.0781)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DEB8
RGB	248, 222, 184
RGB Percent	97%, 87%, 72%
CMY	0.0274, 0.1294, 0.2784
CMYK	0.00, 0.10, 0.26, 0.03
HSL	36°, 82%, 85%
HSV	36°, 26%, 97%
XYZ	73.4844, 75.6597, 56.0781
YIQ	225.4420, 27.6940, -6.3060

Conversions

Conversions Part 2

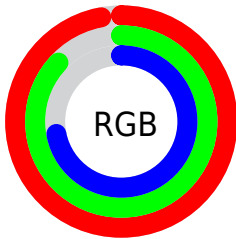
Format	Color
R _Y B	228, 248, 184
Decimal	16309944
CIE Lab	89.70, 3.30, 21.93
CIE LCh	90, 22.175, 81.451
Yxy	75.6597, 0.3581, 0.3687
Android (android.graphics.Color)	4294500024 (0xFFFF8DEB8)
YUV	225.4420, -20.4309, 19.7834
Hunter-Lab	86.9826, -1.4196, 22.6633

Details

The XYZ color **73.4844, 75.6597, 56.0781** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.7565, 63.0591, 97.8294**, and the grayscale version is **72.0164, 75.7668, 82.5101**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **39.4013, 40.3525, 27.1849** is the 20% darker color. If you saturate the color by 10%, you get **68.5139, 69.5203, 42.7004**, and if you desaturate by 10%, it is **79.0745, 82.3080, 71.9124**.

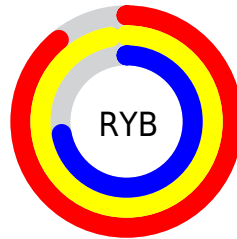
Distribution



Red (97%)

Green (87%)

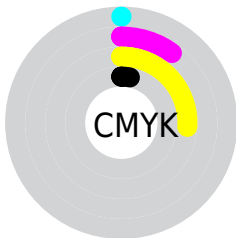
Blue (72%)



Red (89%)

Yellow (97%)

Blue (72%)

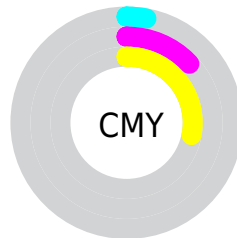


Cyan (0%)

Magenta (10%)

Yellow (26%)

Black (3%)



Cyan (3%)


Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4844, 75.6597, 56.0781 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 73.4844, 75.6597, 56.0781 by changing the saturation by 10% instead.


 73.4844, 75.6597,
56.0781

 73.4844, 75.6597,
56.0781


461.7698,
480.1820, 427.3823

 54.6619, 56.1535,
39.8611


 123.1641,
127.2458, 100.6057

 39.3639, 40.3260,
27.1173


154.7520,
160.0944, 129.7534

 27.2249, 27.7928,
17.4281


191.3257,
198.1593, 164.0484

 17.8797, 18.1695,
10.3750

233.2507,
241.8250, 203.9093

 10.9628, 11.0718,
5.5395

280.8922,
291.4756, 249.7546

 6.1089, 6.1151,
2.5029

334.6157,

 2.9527, 2.9152,

347.4958, 302.0029

0.8417

394.7864,
410.2697, 361.0726

■ 1.1288, 1.0876,
0.0000

■ 0.0490, 0.0000,
0.0000

■ 73.4844, 75.6597,
56.0781

■ 73.4844, 75.6597,
56.0781

■ 68.5139, 69.5203,
42.7004

■ 79.0745, 82.3080,
71.9124

■ 64.1304, 63.8645,
31.6485

■ 85.3031, 89.4691,
90.3156

■ 60.3073, 58.6796,
22.7861

■ 91.6427, 96.9388,
108.4887

■ 57.0128, 53.9482,
15.9612

■ 92.5215, 98.6965,
108.7817

■ 54.2115, 49.6515,
11.0016

■ 51.8623, 45.7679,
7.7065

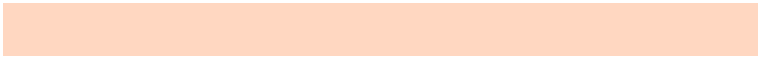
■ 49.9150, 42.2723,
5.8273

■ 49.1874, 40.9082,
5.3036

Harmonies

Analogous

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



78.6561, 75.6597, 61.0295



73.4844, 75.6597, 56.0781



68.1403, 75.6597, 57.4424

Triad

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



73.4844, 75.6597, 56.0781



62.5757, 75.6597, 93.8745



80.4406, 75.6597, 102.5771

Complementary

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



73.4844, 75.6597, 56.0781



59.7565, 63.0591, 97.8294

Split Complementary

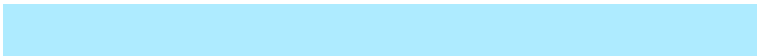
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8210, 75.6597, 113.6578



73.4844, 75.6597, 56.0781



65.5654, 75.6597, 108.2075

Square

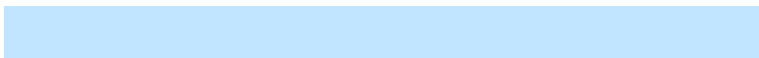
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4844, 75.6597, 56.0781



62.0207, 75.6597, 77.9909



70.3627, 75.6597, 115.8391



82.8033, 75.6597, 86.9319

Rectangle

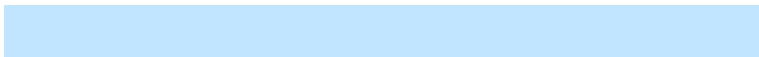
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4844, 75.6597, 56.0781



65.1830, 75.6597, 61.8347



70.3627, 75.6597, 115.8391



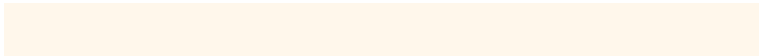
79.0894, 75.6597, 107.0374

Sweetspot

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



73.4864, 75.6631, 56.0797



89.3511, 93.5819, 91.6484



67.5687, 58.9248, 69.2223



18.9063, 19.7807, 18.9659



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

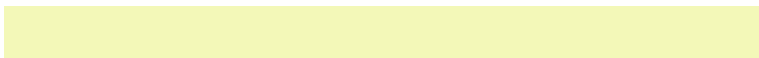
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4864, 75.6631, 56.0797



75.4305, 77.1105, 51.9566



79.0668, 89.5913, 58.4740



18.1016, 18.9391, 18.1640



26.7123, 22.3812, 2.9121



2.5781, 2.2810, 0.3044

Inverse Universe

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



59.7565, 63.0591, 97.8294



58.5131, 61.5841, 103.4107



55.1537, 51.9208, 95.9221



16.8618, 17.8005, 21.9324



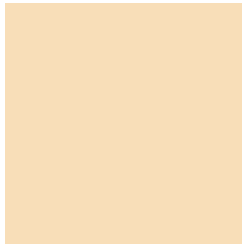
11.7818, 8.9192, 49.0742



1.1923, 1.0283, 4.5788

Previews

White Background



This preview shows how the XYZ color 73.4844, 75.6597, 56.0781 looks on a white background.

Color Contrast Check

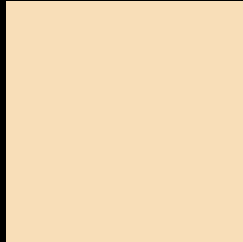
Large Text (above 18pt) WCAG AA × Fail

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 73.4844, 75.6597, 56.0781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

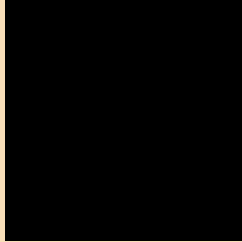
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4844, 75.6597, 56.0781

Background



This preview shows how black text looks on a background with the XYZ color 73.4844, 75.6597, 56.0781.



This preview shows how white text looks on a background with the XYZ color 73.4844, 75.6597,

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

73.4844, 75.6597, 56.0781

Protanopia

71.3847, 75.7463, 57.3125

Deuteranopia

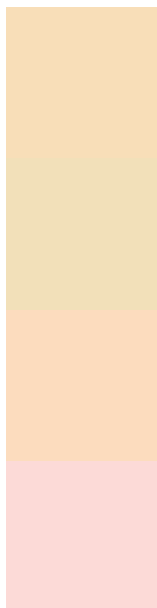
76.3091, 75.8181, 61.6514



Tritanopia

79.7390, 75.4979, 86.7138

Trichromacy



Original Color

73.4844, 75.6597, 56.0781

Protanomaly

72.0306, 75.6913, 56.7124

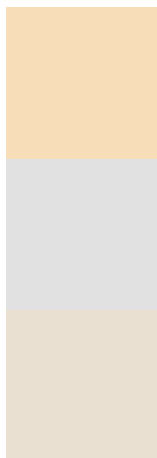
Deuteranomaly

75.0323, 75.5996, 59.3527

Tritanomaly

77.4820, 75.7446, 74.8264

Monochromacy



Original Color

73.4844, 75.6597, 56.0781

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.8928, 75.2881, 71.7157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4844, 75.6597, 56.0781 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, 222, 184)` looks like.

```
.text, #text, p{  
    color:rgb(248, 222, 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(248, 222, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 222, 184) }
```

Border

The CSS property to change the border of an element to XYZ 73.4844, 75.6597, 56.0781 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, 222, 184) }
```


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

```
.border{ border-color:rgb(248, 222, 184) }
```

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

Here you see how a box with a 4 pixel rgb(248, 222, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 222, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 222, 184);  
box-shadow:4px 4px 4px 4px rgb(248, 222,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4844, 75.6597, 56.0781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 222, 184) }
```

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

```
.background{ background-color: rgb(248,  
222, 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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