

Converting Colors

XYZ(71.2834, 75.6343, 41.8522)

Have a look what the booklet for
XYZ(71.2834, 75.6343, 41.8522)
contains.

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Color

**XYZ(71.2834, 75.6343,
41.8522)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E09B
RGB	248, 224, 155
RGB Percent	97%, 88%, 61%
CMY	0.0275, 0.1215, 0.3921
CMYK	0.00, 0.10, 0.37, 0.03
HSL	45°, 87%, 79%
HSV	45°, 37%, 97%
XYZ	71.2834, 75.6343, 41.8522
YIQ	223.3100, 36.4530, -16.3710

Conversions

Conversions Part 2

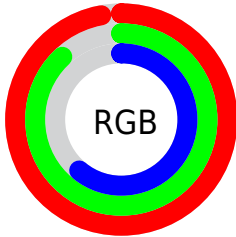
Format	Color
RYB	187, 248, 155
Decimal	16310427
CIELab	89.69, -1.28, 36.81
CIElCh	90, 36.828, 91.993
Yxy	75.6343, 0.3776, 0.4007
Android (android.graphics.Color)	4294500507 (0xFFFF8E09B)
YUV	223.3100, -33.6768, 21.6531
Hunter-Lab	86.9680, -5.8863, 32.3451

Details

The XYZ color **71.2834, 75.6343, 41.8522** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.5805, 45.9846, 95.2277**, and the grayscale version is **70.5752, 74.2506, 80.8589**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **37.8714, 40.3024, 18.6151** is the 20% darker color. If you saturate the color by 10%, you get **67.7241, 71.5133, 31.4244**, and if you desaturate by 10%, it is **75.3390, 80.0629, 54.5574**.

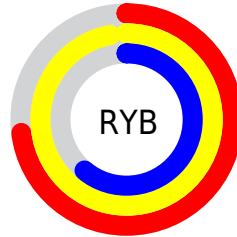
Distribution



Red (97%)

Green (88%)

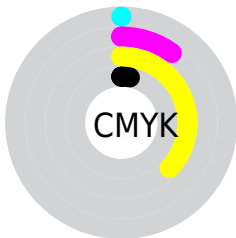
Blue (61%)



Red (73%)

Yellow (97%)

Blue (61%)

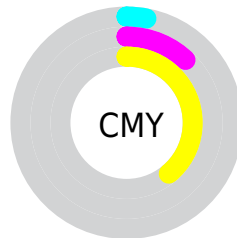


Cyan (0%)

Magenta (10%)

Yellow (37%)

Black (3%)



Cyan (3%)


Magenta (12%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2834, 75.6343, 41.8522 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 71.2834, 75.6343, 41.8522 by changing the saturation by 10% instead.


 71.2834, 75.6343,
41.8522


 71.2834, 75.6343,
41.8522


454.2400,
480.0949, 369.6515

 52.8569, 56.1327,
28.6609


 120.0535,
127.2098, 79.2436

 37.9155, 40.3093,
18.5811


 151.1278,
160.0526, 104.2807

 26.0941, 27.7798,
11.1942


187.1487,
198.1111, 134.1035

 17.0271, 18.1597,
6.0818

228.4815,
241.7698, 169.1305

 10.3492, 11.0647,
2.8253

275.4917,
291.4132, 209.7802

 5.6951, 6.1104,
1.0061

328.5447,

 2.6995, 2.9123,

347.4256, 256.4713

0.0000

388.0056,
410.1913, 309.6222

■ 0.9969, 1.0861,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.2834, 75.6343,
41.8522

■ 71.2834, 75.6343,
41.8522

■ 67.7241, 71.5133,
31.4244

■ 75.3390, 80.0629,
54.5574

■ 64.6282, 67.6773,
23.1300

■ 79.9101, 84.7995,
69.6624

■ 61.9678, 64.1169,
16.8164

■ 85.0214, 89.8580,
87.2867

■ 59.7089, 60.8171,
12.3080

■ 90.6946, 95.2481,
107.5404

■ 57.8115, 57.7609,
9.3985

■ 92.5213, 98.6964,
108.7817

■ 56.2234, 54.9262,
7.8166

■ 55.8551, 54.2439,
7.5262

Harmonies

Analogous

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



80.3897, 75.6343, 45.6671



71.2834, 75.6343, 41.8522



63.0409, 75.6343, 46.8494

Triad

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



71.2834, 75.6343, 41.8522



58.0923, 75.6343, 111.7414



88.4058, 75.6343, 108.0949

Complementary

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



71.2834, 75.6343, 41.8522



46.5805, 45.9846, 95.2277

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.



81.5266, 75.6343, 132.3735



71.2834, 75.6343, 41.8522



64.0081, 75.6343, 134.7710

Square

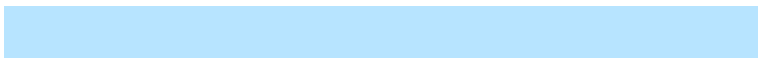
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2834, 75.6343, 41.8522



55.8339, 75.6343, 84.1019



72.4963, 75.6343, 143.0118



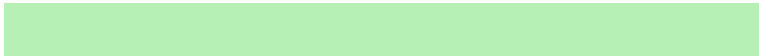
90.7578, 75.6343, 80.6283

Rectangle

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



71.2834, 75.6343, 41.8522



59.0072, 75.6343, 55.2749



72.4963, 75.6343, 143.0118



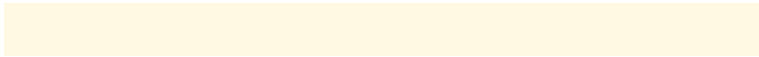
86.5192, 75.6343, 117.0832

Sweetspot

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



71.2853, 75.6378, 41.8538



88.5928, 93.7925, 86.0713



58.6511, 46.6871, 48.9944



18.8029, 19.9180, 17.8708



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.



71.2853, 75.6378, 41.8538



73.0240, 77.2247, 35.9648



70.9423, 85.7187, 43.8177



18.3262, 19.3882, 18.2388



30.2922, 29.5411, 4.1054



2.8909, 2.9067, 0.4087

Inverse Universe

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



46.5805, 45.9846, 95.2277



43.2551, 41.5125, 100.3407



46.7286, 39.5329, 93.9745



16.6470, 17.3709, 21.8608



10.2379, 5.8315, 48.5595



1.0299, 0.7035, 4.5247

Previews

White Background



This preview shows how the XYZ color 71.2834, 75.6343, 41.8522 looks on a white background.

Color Contrast Check

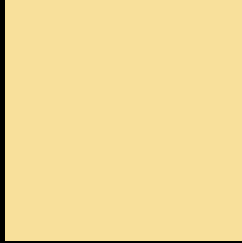
Large Text (above 18pt) WCAG AA × Fail

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 71.2834, 75.6343, 41.8522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

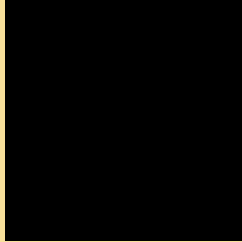
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2834, 75.6343, 41.8522

Background



This preview shows how black text looks on a background with the XYZ color 71.2834, 75.6343, 41.8522.



This preview shows how white text looks on a background with the XYZ color 71.2834, 75.6343,

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

71.2834, 75.6343, 41.8522

Protanopia

70.2342, 75.4838, 42.3206

Deuteranopia

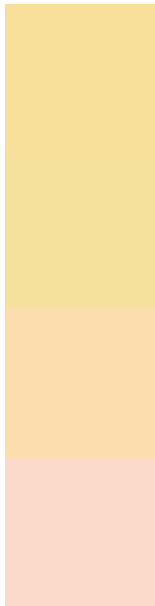
75.2232, 75.3837, 55.9332



Tritanopia

79.9642, 75.6304, 85.9849

Trichromacy



Original Color

71.2834, 75.6343, 41.8522

Protanomaly

70.5822, 75.6632, 42.3369

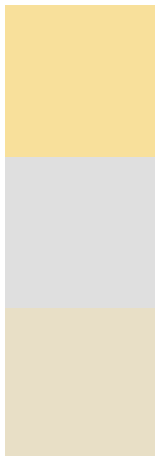
Deuteranomaly

73.5442, 75.4255, 50.2175

Tritanomaly

75.9958, 75.1501, 66.9999

Monochromacy



Original Color

71.2834, 75.6343, 41.8522

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.8594, 74.0084, 64.0291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2834, 75.6343, 41.8522 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, 224, 155)` looks like.

```
.text, #text, p{  
    color:rgb(248, 224, 155)  
}
```

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, 224, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 224, 155) }
```

Border

The CSS property to change the border of an element to XYZ 71.2834, 75.6343, 41.8522 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, 224, 155) }
```


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

```
.border{ border-color:rgb(248, 224, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 224, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 224, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 224, 155);  
box-shadow:4px 4px 4px 4px rgb(248, 224,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2834, 75.6343, 41.8522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 224, 155) }
```

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

```
.background{ background-color: rgb(248,  
224, 155) }
```

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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