

Converting Colors

XYZ(65.9830, 65.4318, 43.7310)

Have a look what the booklet for
XYZ(65.9830, 65.4318, 43.7310)
contains.

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Color

**XYZ(65.8599, 65.2426,
43.7722)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CCA3
RGB	245, 204, 163
RGB Percent	96%, 80%, 64%
CMY	0.0392, 0.2000, 0.3608
CMYK	0.00, 0.17, 0.33, 0.04
HSL	30°, 80%, 80%
HSV	30°, 33%, 96%
XYZ	65.8599, 65.2426, 43.7722
YIQ	211.5850, 37.5970, -4.0590

Conversions

Conversions Part 2

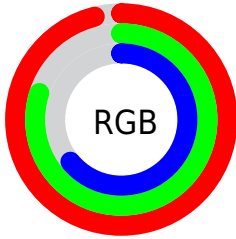
Format	Color
R _{YB}	245, 245, 163
Decimal	16108707
CIE _{Lab}	84.61, 8.79, 25.86
CIE _{LCh}	85, 27.309, 71.219
Yxy	65.2426, 0.3766, 0.3731
Android (android.graphics.Color)	4294298787 (0xFFF5CCA3)
YUV	211.5850, -23.9524, 29.3050
Hunter-Lab	80.7729, 4.1912, 24.4108

Details

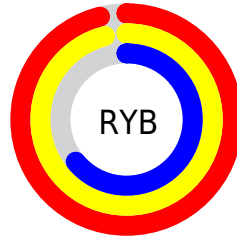
The XYZ color **65.8599, 65.2426, 43.7722** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.1778, 57.5628, 94.6941**, and the grayscale version is **62.4417, 65.6935, 71.5402**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **34.5146, 33.6518, 19.7152** is the 20% darker color. If you saturate the color by 10%, you get **61.0766, 58.8551, 32.3767**, and if you desaturate by 10%, it is **71.3008, 72.2642, 57.4862**.

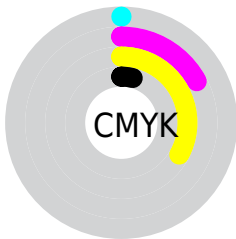
Distribution



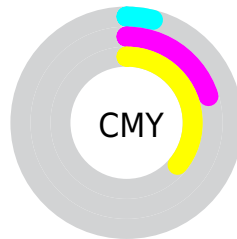
- Red (96%)
- Green (80%)
- Blue (64%)



- Red (96%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8599, 65.2426, 43.7722 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 65.8599, 65.2426, 43.7722 by changing the saturation by 10% instead.


 65.8599, 65.2426,
43.7722


 65.8599, 65.2426,
43.7722


435.3722,
443.6633, 377.7920

 48.4260, 47.6578,
30.1556


 112.3441,
112.3986, 82.1737

 34.3770, 33.5560,
19.7037


 142.1250,
142.7386, 107.7956

 23.3476, 22.5527,
11.9979


176.7524,
178.0991, 138.2564

 14.9725, 14.2636,
6.6197

216.5914,
218.8645, 173.9746

 8.8863, 8.3042,
3.1506

262.0076,
265.4192, 215.3687

 4.7236, 4.2902,
1.1720

313.3662,

 2.1191, 1.8372,

318.1477, 262.8572

0.0000

371.0326,
377.4342, 316.8588

■ 0.6996, 0.5102,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.8599, 65.2426,
43.7722

■ 65.8599, 65.2426,
43.7722

■ 61.0766, 58.8551,
32.3767

■ 71.3008, 72.2642,
57.4862

■ 56.9160, 53.0723,
23.1643

■ 77.4221, 79.9300,
73.6360

■ 53.3471, 47.8755,
15.9912

■ 84.2513, 88.2613,
92.3352

■ 50.3339, 43.2411,
10.6948

■ 90.8314, 96.8829,
108.5207

■ 47.8349, 39.1434,
7.0868

■ 91.4662, 98.1525,
108.7323

■ 45.8012, 35.5528,
4.9387

■ 44.6793, 33.4587,
4.1033

Harmonies

Analogous

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



71.2474, 65.2426, 51.1438



65.8599, 65.2426, 43.7722



59.7596, 65.2426, 42.9481

Triad

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



65.8599, 65.2426, 43.7722



51.2149, 65.2426, 77.7679



70.0556, 65.2426, 99.3824

Complementary

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



65.8599, 65.2426, 43.7722



53.1778, 57.5628, 94.6941

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.



64.3185, 65.2426, 109.2927



65.8599, 65.2426, 43.7722



53.6097, 65.2426, 95.5196

Square

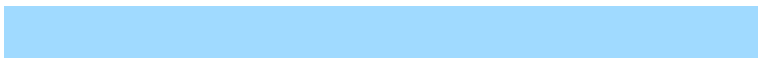
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8599, 65.2426, 43.7722



51.5677, 65.2426, 60.7743



58.3153, 65.2426, 107.7735



73.7771, 65.2426, 82.3970

Rectangle

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



65.8599, 65.2426, 43.7722



56.1350, 65.2426, 46.0346



58.3153, 65.2426, 107.7735



68.2837, 65.2426, 103.7680

Sweetspot

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



65.8616, 65.2456, 43.7735



87.2799, 90.5993, 87.3826



61.6529, 49.9672, 63.5224



18.4614, 19.1220, 18.1056



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.



65.8616, 65.2456, 43.7735



68.5843, 66.7489, 39.4060



76.9196, 87.3617, 47.4595



17.1838, 17.8517, 17.3376



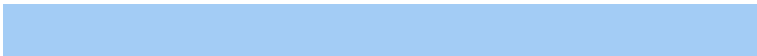
24.2082, 18.3020, 2.2567



2.2304, 1.8141, 0.2326

Inverse Universe

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



53.1778, 57.5628, 94.6941



52.7781, 57.1748, 102.8619



44.6835, 40.5743, 91.8627



16.2657, 17.2956, 21.0237



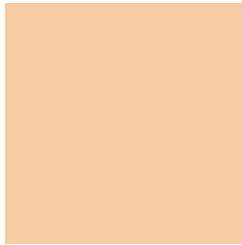
12.7987, 11.3912, 48.0622



1.2276, 1.2067, 4.2584

Previews

White Background



This preview shows how the XYZ color 65.8599, 65.2426, 43.7722 looks on a white background.

Color Contrast Check

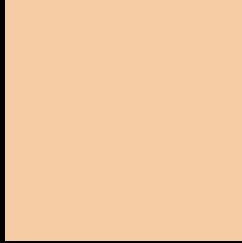
Large Text (above 18pt) WCAG AA × Fail

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 65.8599, 65.2426, 43.7722 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 65.8599, 65.2426, 43.7722

Background



This preview shows how black text looks on a background with the XYZ color 65.8599, 65.2426, 43.7722.



This preview shows how white text looks on a background with the XYZ color 65.8599, 65.2426,

43.7722.

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

65.8599, 65.2426, 43.7722

Protanopia

61.2285, 65.3493, 45.4630

Deuteranopia

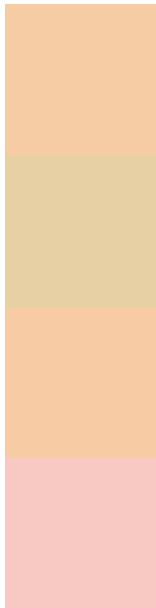
66.6782, 65.3127, 43.7426



Tritanopia

71.4008, 65.0606, 71.7455

Trichromacy



Original Color

65.8599, 65.2426, 43.7722

Protanomaly

62.6261, 64.9842, 44.8398

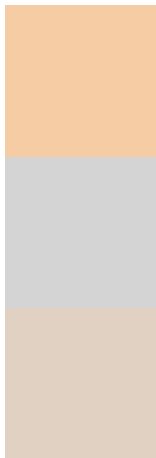
Deuteranomaly

66.3246, 65.1304, 43.7261

Tritanomaly

69.2160, 65.2051, 60.5675

Monochromacy



Original Color

65.8599, 65.2426, 43.7722

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.2785, 65.3433, 60.3163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8599, 65.2426, 43.7722 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(245, 204, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 204, 163)  
}
```

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(245, 204, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 204, 163) }
```

Border

The CSS property to change the border of an element to XYZ 65.8599, 65.2426, 43.7722 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(245, 204, 163) }
```


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

```
.border{ border-color:rgb(245, 204, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 204, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 204, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 204, 163);  
box-shadow:4px 4px 4px 4px rgb(245, 204,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8599, 65.2426, 43.7722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 204, 163) }
```

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

```
.background{ background-color: rgb(245,  
204, 163) }
```

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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