

Converting Colors

XYZ(62.2974, 58.8587, 43.6747)

Have a look what the booklet for
XYZ(62.2974, 58.8587, 43.6747)
contains.

XYZ(62.3845, 59.0329, 43.7038)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.3845, 59.0329,
43.7038)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BFA5
RGB	243, 191, 165
RGB Percent	95%, 75%, 65%
CMY	0.0471, 0.2510, 0.3529
CMYK	0.00, 0.21, 0.32, 0.05
HSL	20°, 76%, 80%
HSV	20°, 32%, 95%
XYZ	62.3845, 59.0329, 43.7038
YIQ	203.5840, 39.3380, 2.9380

Conversions

Conversions Part 2

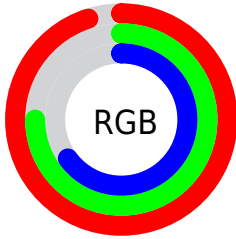
Format	Color
R _Y B	243, 204, 165
Decimal	15974309
CIE Lab	81.31, 15.09, 20.24
CIE LCh	81, 25.248, 53.303
Yxy	59.0329, 0.3778, 0.3575
Android (android.graphics.Color)	4294164389 (0xFFFF3BFA5)
YUV	203.5840, -19.0219, 34.5678
Hunter-Lab	76.8329, 10.4757, 20.0579

Details

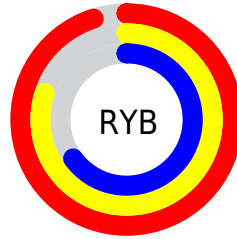
The XYZ color **62.3845, 59.0329, 43.7038** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.5068, 64.0941, 94.1874**, and the grayscale version is **57.2321, 60.2126, 65.5715**.

A 20% lighter version of the original color is **87.4190, 92.9488, 81.0436**, and **32.1760, 29.5227, 19.6254** is the 20% darker color. If you saturate the color by 10%, you get **57.0403, 51.5541, 32.0276**, and if you desaturate by 10%, it is **68.5427, 67.4668, 57.7258**.

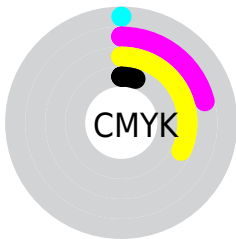
Distribution



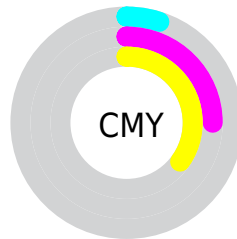
- Red (95%)
- Green (75%)
- Blue (65%)



- Red (95%)
- Yellow (80%)
- Blue (65%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3845, 59.0329, 43.7038 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 62.3845, 59.0329, 43.7038 by changing the saturation by 10% instead.


 62.3845, 59.0329,
43.7038


 62.3845, 59.0329,
43.7038


423.0275,
421.0238, 377.5041

 45.6002, 42.6396,
30.1022


 107.3679,
103.4255, 82.0696

 32.1338, 29.6024,
19.6635

 136.2977,
132.1936, 107.6708

 21.6197, 19.5370,
11.9690

170.0067,
165.8553, 138.1091

 13.6928, 12.0590,
6.6003

208.8603,
204.7952, 173.8029

 7.9876, 6.7838,
3.1388

253.2238,
249.3976, 215.1708

 4.1387, 3.3273,
1.1659

303.4626,

 1.7809, 1.3049,

300.0469, 262.6312

0.0000

359.9420,
357.1275, 316.6028

■ 0.5061, 0.1450,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3845, 59.0329,
43.7038

■ 62.3845, 59.0329,
43.7038

■ 57.0403, 51.5541,
32.0276

■ 68.5427, 67.4668,
57.7258

■ 52.4691, 44.9871,
22.5637

■ 75.5445, 76.8804,
74.2097

■ 48.6327, 39.2977,
15.1705

■ 83.4233, 87.3078,
93.2684

■ 45.4876, 34.4457,
9.6884

■ 90.7722, 97.7947,
108.6998

■ 42.9849, 30.3877,
5.9339

■ 41.0678, 27.0750,
3.6866

■ 39.9058, 24.9419,
2.7110

Harmonies

Analogous

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



65.9390, 59.0329, 53.4669



62.3845, 59.0329, 43.7038



57.2990, 59.0329, 39.5489

Triad

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



62.3845, 59.0329, 43.7038



46.6352, 59.0329, 60.9517



60.2136, 59.0329, 94.7819

Complementary

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



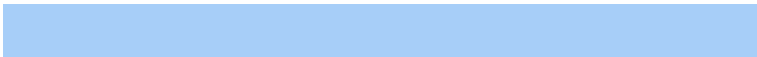
62.3845, 59.0329, 43.7038



56.5068, 64.0941, 94.1874

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.



54.9356, 59.0329, 97.6201



62.3845, 59.0329, 43.7038



47.3080, 59.0329, 76.4535

Square

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



62.3845, 59.0329, 43.7038



48.3704, 59.0329, 48.4483



50.2691, 59.0329, 90.4649



64.6318, 59.0329, 83.2243

Rectangle

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



62.3845, 59.0329, 43.7038



53.8096, 59.0329, 39.9704



50.2691, 59.0329, 90.4649



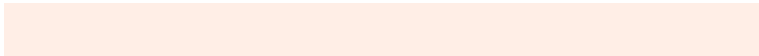
58.4730, 59.0329, 96.8549

Sweetspot

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



62.3860, 59.0357, 43.7050



86.0278, 88.0951, 86.9652



62.9421, 50.9754, 72.1679



18.1593, 18.5177, 18.0049



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.



62.3860, 59.0357, 43.7050



65.3372, 59.9141, 39.3740



72.0508, 78.3653, 46.9266



16.9505, 17.3851, 17.2598



22.0122, 13.9099, 1.5247



2.0253, 1.4039, 0.1642

Inverse Universe

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



56.5068, 64.0941, 94.1874



57.7531, 66.4027, 104.3808



47.6157, 46.3119, 91.2237



16.5041, 17.7725, 21.1031



16.0976, 17.9890, 49.1618



1.5091, 1.7695, 4.3523

Previews

White Background



This preview shows how the XYZ color 62.3845, 59.0329, 43.7038 looks on a white background.

Color Contrast Check

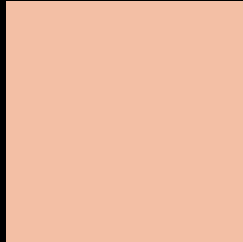
Large Text (above 18pt) WCAG AA × Fail

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 62.3845, 59.0329, 43.7038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

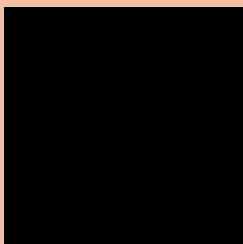
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3845, 59.0329, 43.7038

Background



This preview shows how black text looks on a background with the XYZ color 62.3845, 59.0329, 43.7038.



This preview shows how white text looks on a background with the XYZ color 62.3845, 59.0329,

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

62.3845, 59.0329, 43.7038

Protanopia

55.8168, 59.2895, 46.5324

Deuteranopia

60.2536, 58.9261, 43.3201



Tritanopia

66.3420, 59.0621, 62.5471

Trichromacy



Original Color

62.3845, 59.0329, 43.7038

Protanomaly

58.0024, 59.0626, 45.3890

Deuteranomaly

61.0307, 58.9974, 43.2929

Tritanomaly

64.9589, 59.1471, 55.0065

Monochromacy



Original Color

62.3845, 59.0329, 43.7038

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.6311, 59.4700, 57.1039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3845, 59.0329, 43.7038 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(243, 191, 165)` looks like.

```
.text, #text, p{  
    color:rgb(243, 191, 165)  
}
```

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(243, 191, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 191, 165) }
```

Border

The CSS property to change the border of an element to XYZ 62.3845, 59.0329, 43.7038 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(243, 191, 165) }
```


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

```
.border{ border-color:rgb(243, 191, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 191, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 191, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 191, 165);  
box-shadow:4px 4px 4px 4px rgb(243, 191,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3845, 59.0329, 43.7038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 191, 165) }
```

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

```
.background{ background-color: rgb(243,  
191, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor