

Converting Colors

XYZ(61.6303, 57.5245, 43.4524)

Have a look what the booklet for
XYZ(61.6303, 57.5245, 43.4524)
contains.

XYZ(61.7369, 57.7377, 43.4879)	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(61.7369, 57.7377,
43.4879)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BCA5
RGB	243, 188, 165
RGB Percent	95%, 74%, 65%
CMY	0.0471, 0.2627, 0.3529
CMYK	0.00, 0.23, 0.32, 0.05
HSL	18°, 76%, 80%
HSV	18°, 32%, 95%
XYZ	61.7369, 57.7377, 43.4879
YIQ	201.8230, 40.1630, 4.5070

Conversions

Conversions Part 2

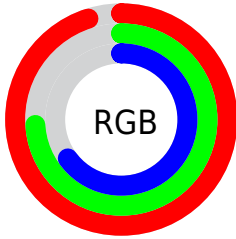
Format	Color
R _Y B	243, 198, 165
Decimal	15973541
CIE Lab	80.59, 16.67, 19.25
CIE LCh	81, 25.466, 49.112
Yxy	57.7377, 0.3788, 0.3543
Android (android.graphics.Color)	4294163621 (0xFFFF3BCA5)
YUV	201.8230, -18.1537, 36.1122
Hunter-Lab	75.9853, 12.0542, 19.2569

Details

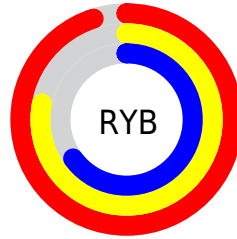
The XYZ color **61.7369, 57.7377, 43.4879** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.2871, 65.6547, 94.4475**, and the grayscale version is **56.1220, 59.0447, 64.2997**.

A 20% lighter version of the original color is **86.5090, 91.1287, 80.7402**, and **31.6522, 28.8345, 19.5201** is the 20% darker color. If you saturate the color by 10%, you get **56.2867, 50.0468, 31.7764**, and if you desaturate by 10%, it is **68.0449, 66.4712, 57.5598**.

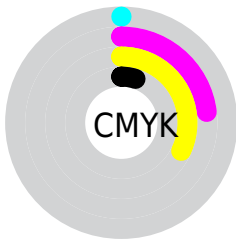
Distribution



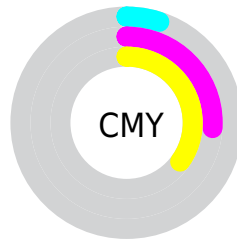
- Red (95%)
- Green (74%)
- Blue (65%)



- Red (95%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7369, 57.7377, 43.4879 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 61.7369, 57.7377, 43.4879 by changing the saturation by 10% instead.


 61.7369, 57.7377,
43.4879


 61.7369, 57.7377,
43.4879


420.7036,
416.2078, 376.5944

 45.0749, 41.5978,
29.9339

 106.4373,
101.5408, 81.7408

 31.7180, 28.7865,
19.5368


 135.2064,
129.9728, 107.2768

 21.3007, 18.9194,
11.8781


168.7419,
163.2709, 137.6439

 13.4577, 11.6120,
6.5392

207.4093,
201.8196, 173.2606

 7.8236, 6.4801,
3.1016

251.5738,
246.0033, 214.5455

 4.0331, 3.1391,
1.1467

301.6007,

 1.7209, 1.2048,

296.2063, 261.9171

0.0000

357.8556,
352.8130, 315.7939

0.4693, 0.0656,
0.0000

0.0000, 0.0000,
0.0000

61.7369, 57.7377,
43.4879

61.7369, 57.7377,
43.4879

56.2867, 50.0468,
31.7764

68.0449, 66.4712,
57.5598

51.6507, 43.3505,
22.2909

75.2426, 76.2767,
74.1090

47.7883, 37.6089,
14.8890

83.3657, 87.1926,
93.2491

44.6529, 32.7763,
9.4101

90.7722, 97.7947,
108.6998

■ 42.1924, 28.8027,
5.6697

■ 40.3464, 25.6321,
3.4462

■ 39.2583, 23.6468,
2.4951

Harmonies

Analogous

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



64.9531, 57.7377, 53.8893



61.7369, 57.7377, 43.4879



56.8022, 57.7377, 38.5864

Triad

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



61.7369, 57.7377, 43.4879



45.5716, 57.7377, 57.5748



58.2413, 57.7377, 94.2426

Complementary

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



61.7369, 57.7377, 43.4879



57.2871, 65.6547, 94.4475

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.



52.9977, 57.7377, 95.6515



61.7369, 57.7377, 43.4879



45.9025, 57.7377, 72.7892

Square

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



61.7369, 57.7377, 43.4879



47.6120, 57.7377, 45.8154



48.5468, 57.7377, 87.2857



62.8479, 57.7377, 83.6967

Rectangle

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



61.7369, 57.7377, 43.4879



53.2987, 57.7377, 38.4744



48.5468, 57.7377, 87.2857



56.4881, 57.7377, 95.8571

Sweetspot

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



61.7384, 57.7404, 43.4891



85.7430, 87.5256, 86.8703



63.4555, 51.1807, 74.8716



18.0907, 18.3805, 17.9820



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.



61.7384, 57.7404, 43.4891



64.5268, 58.2933, 39.1039



70.9776, 76.2188, 46.5688



16.8974, 17.2789, 17.2421



21.6477, 13.1810, 1.4032



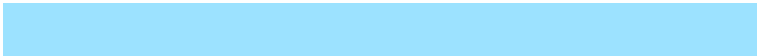
1.9881, 1.3293, 0.1518

Inverse Universe

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



57.2871, 65.6547, 94.4475



58.7797, 68.4558, 104.7230



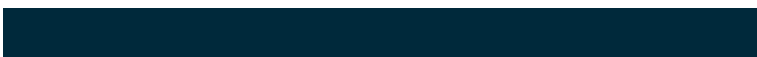
48.4028, 47.8860, 91.4860



16.5599, 17.8841, 21.1217



17.0285, 19.8508, 49.4721



1.5855, 1.9225, 4.3777

Previews

White Background



This preview shows how the XYZ color 61.7369, 57.7377, 43.4879 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 61.7369, 57.7377, 43.4879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

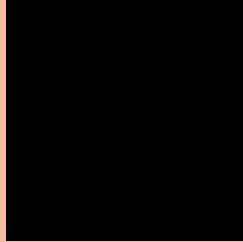
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7369, 57.7377, 43.4879

Background



This preview shows how black text looks on a background with the XYZ color 61.7369, 57.7377, 43.4879.



This preview shows how white text looks on a background with the XYZ color 61.7369, 57.7377,

43.4879.

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

61.7369, 57.7377, 43.4879

Protanopia

54.8689, 58.0977, 46.8502

Deuteranopia

59.0495, 57.9761, 43.2002



Tritanopia

65.0176, 57.4910, 60.4934

Trichromacy



Original Color

61.7369, 57.7377, 43.4879

Protanomaly

57.3328, 58.0324, 45.7157

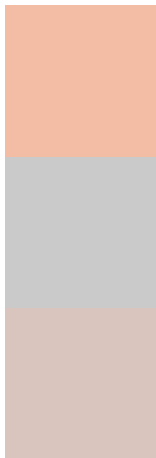
Deuteranomaly

59.9237, 57.7748, 43.1153

Tritanomaly

63.7621, 57.6132, 53.6588

Monochromacy



Original Color

61.7369, 57.7377, 43.4879

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.7668, 58.3583, 56.3638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7369, 57.7377, 43.4879 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, 188, 165)` looks like.

```
.text, #text, p{  
    color:rgb(243, 188, 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, 188, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 188, 165) }
```

Border

The CSS property to change the border of an element to XYZ 61.7369, 57.7377, 43.4879 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, 188, 165) }
```


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

```
.border{ border-color:rgb(243, 188, 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, 188, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 188, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 188, 165);  
box-shadow:4px 4px 4px 4px rgb(243, 188,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7369, 57.7377, 43.4879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 188, 165) }
```

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

```
.background{ background-color: rgb(243,  
188, 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