

Converting Colors

XYZ(64.0283, 59.9968, 43.8887)

Have a look what the booklet for
XYZ(64.0283, 59.9968, 43.8887)
contains.

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Color

**XYZ(63.7801, 59.7524,
43.7691)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BFA5
RGB	247, 191, 165
RGB Percent	97%, 75%, 65%
CMY	0.0314, 0.2510, 0.3529
CMYK	0.00, 0.23, 0.33, 0.03
HSL	19°, 84%, 81%
HSV	19°, 33%, 97%
XYZ	63.7801, 59.7524, 43.7691
YIQ	204.7800, 41.7220, 3.7860

Conversions

Conversions Part 2

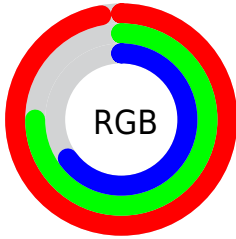
Format	Color
R _Y B	247, 203, 165
Decimal	16236453
CIE Lab	81.70, 16.61, 20.85
CIE LCh	82, 26.656, 51.462
Yxy	59.7524, 0.3812, 0.3572
Android (android.graphics.Color)	4294426533 (0xFFF7BFA5)
YUV	204.7800, -19.6115, 37.0269
Hunter-Lab	77.2997, 12.0062, 20.5382

Details

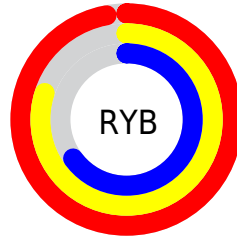
The XYZ color **63.7801, 59.7524, 43.7691** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.1611, 66.4253, 97.7517**, and the grayscale version is **57.9920, 61.0121, 66.4421**.

A 20% lighter version of the original color is **87.4190, 92.9488, 81.0436**, and **32.9126, 29.9024, 19.6598** is the 20% darker color. If you saturate the color by 10%, you get **58.2767, 52.0026, 31.8937**, and if you desaturate by 10%, it is **70.1444, 68.5287, 58.0747**.

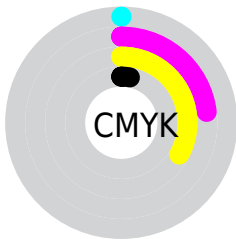
Distribution



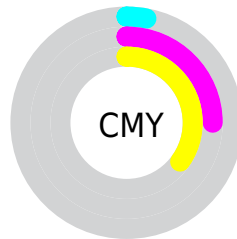
- Red (97%)
- Green (75%)
- Blue (65%)



- Red (97%)
- Yellow (80%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7801, 59.7524, 43.7691 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 63.7801, 59.7524, 43.7691 by changing the saturation by 10% instead.


 63.7801, 59.7524,
43.7691


 63.7801, 59.7524,
43.7691


428.0099,
423.6845, 377.7789

 46.7336, 43.2191,
30.1532


 109.3697,
104.4704, 82.1689

 33.0322, 30.0571,
19.7018


 138.6435,
133.4239, 107.7899

 22.3104, 19.8819,
11.9966


172.7238,
167.2862, 138.2497

 14.2031, 12.3092,
6.6188

211.9759,
206.4418, 173.9668

 8.3447, 6.9546,
3.1501

256.7652,
251.2751, 215.3597

 4.3699, 3.4337,
1.1718

307.4571,

 1.9135, 1.3622,

302.1703, 262.8470

0.0000

364.4169,
359.5120, 316.8472

■ 0.5847, 0.1886,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7801, 59.7524,
43.7691

■ 63.7801, 59.7524,
43.7691

■ 58.2767, 52.0026,
31.8937

■ 70.1444, 68.5287,
58.0747

■ 53.5902, 45.2323,
22.3079

■ 77.4017, 78.3596,
74.9330

■ 49.6794, 39.4029,
14.8624

■ 85.5879, 89.2824,
94.4623

■ 46.4972, 34.4700,
9.3882

■ 92.1678, 98.5142,
108.7651

■ 43.9905, 30.3851,
5.6904

■ 42.0972, 27.0937,
3.5330

■ 41.1059, 25.2704,
2.7112

Harmonies

Analogous

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



67.4319, 59.7524, 54.4016



63.7801, 59.7524, 43.7691



58.4090, 59.7524, 39.0479

Triad

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



63.7801, 59.7524, 43.7691



46.7820, 59.7524, 60.5818



60.8306, 59.7524, 98.2439

Complementary

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



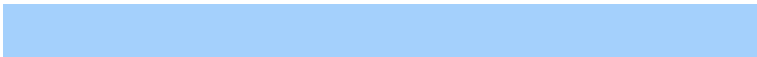
63.7801, 59.7524, 43.7691



58.1611, 66.4253, 97.7517

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.



55.2068, 59.7524, 100.6312



63.7801, 59.7524, 43.7691



47.3362, 59.7524, 77.0273

Square

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



63.7801, 59.7524, 43.7691



48.7684, 59.7524, 47.6527



50.3355, 59.7524, 92.3314



65.6526, 59.7524, 86.2617

Rectangle

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



63.7801, 59.7524, 43.7691



54.6767, 59.7524, 39.2430



50.3355, 59.7524, 92.3314



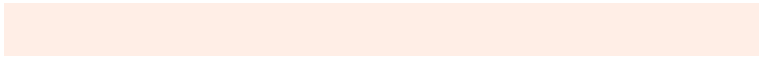
58.9629, 59.7524, 100.2656

Sweetspot

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



63.7817, 59.7552, 43.7703



85.9072, 87.8540, 86.9250



64.8689, 51.9073, 75.0304



18.1302, 18.4596, 17.9952



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.



63.7817, 59.7552, 43.7703



64.4116, 58.4036, 38.0152



73.9968, 80.1855, 47.1754



16.9280, 17.3402, 17.2523



21.8519, 13.5894, 1.4713



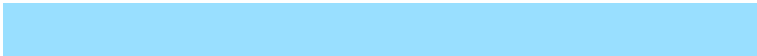
2.0091, 1.3715, 0.1588

Inverse Universe

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



58.1611, 66.4253, 97.7517



57.4817, 66.5819, 104.4297



48.6341, 47.3714, 94.5760



16.5277, 17.8196, 21.1110



16.4831, 18.7600, 49.2903



1.5408, 1.8331, 4.3628

Previews

White Background



This preview shows how the XYZ color 63.7801, 59.7524, 43.7691 looks on a white background.

Color Contrast Check

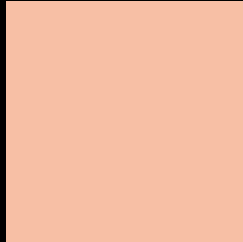
Large Text (above 18pt) WCAG AA × Fail

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 63.7801, 59.7524, 43.7691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

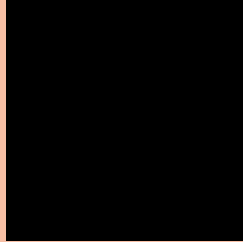
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7801, 59.7524, 43.7691

Background



This preview shows how black text looks on a background with the XYZ color 63.7801, 59.7524, 43.7691.



This preview shows how white text looks on a background with the XYZ color 63.7801, 59.7524,

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

63.7801, 59.7524, 43.7691

Protanopia

56.4382, 59.9483, 47.1246

Deuteranopia

61.1410, 59.7151, 43.4256



Tritanopia

67.7679, 59.7972, 62.6138

Trichromacy



Original Color

63.7801, 59.7524, 43.7691

Protanomaly

58.9489, 59.8802, 45.9872

Deuteranomaly

62.2683, 59.9647, 43.4144

Tritanomaly

66.3772, 59.8783, 55.0729

Monochromacy



Original Color

63.7801, 59.7524, 43.7691

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.4637, 60.2419, 57.2090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7801, 59.7524, 43.7691 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(247, 191, 165)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 191, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 191, 165) }
```

Border

The CSS property to change the border of an element to XYZ 63.7801, 59.7524, 43.7691 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(247, 191, 165) }
```


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

```
.border{ border-color:rgb(247, 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(247, 191, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 191, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 191, 165); box-shadow:4px 4px 4px 4px rgb(247, 191, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7801, 59.7524, 43.7691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 191, 165) }
```

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

```
.background{ background-color: rgb(247,  
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](#).

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