

Converting Colors

XYZ(67.6281, 66.1541, 43.8550)

Have a look what the booklet for
XYZ(67.6281, 66.1541, 43.8550)
contains.

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Color

**XYZ(67.6281, 66.1541,
43.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	FACCA3
RGB	250, 204, 163
RGB Percent	98%, 80%, 64%
CMY	0.0196, 0.2000, 0.3608
CMYK	0.00, 0.18, 0.35, 0.02
HSL	28°, 90%, 81%
HSV	28°, 35%, 98%
XYZ	67.6281, 66.1541, 43.8550
YIQ	213.0800, 40.5770, -2.9990

Conversions

Conversions Part 2

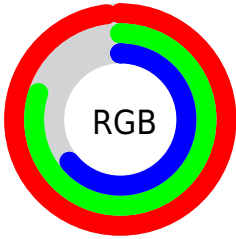
Format	Color
R _Y B	250, 241, 163
Decimal	16436387
CIE Lab	85.07, 10.71, 26.57
CIE LCh	85, 28.643, 68.050
Yxy	66.1541, 0.3807, 0.3724
Android (android.graphics.Color)	4294626467 (0xFFFA <code>CCA3</code>)
YUV	213.0800, -24.6894, 32.3788
Hunter-Lab	81.3352, 6.0816, 24.9661

Details

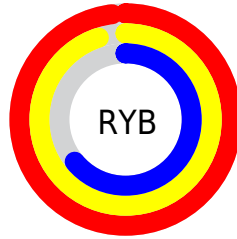
The XYZ color **67.6281, 66.1541, 43.8550** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.1594, 60.2876, 99.1720**, and the grayscale version is **63.4418, 66.7457, 72.6861**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **35.5138, 34.1669, 19.7620** is the 20% darker color. If you saturate the color by 10%, you get **62.5969, 59.3289, 32.1979**, and if you desaturate by 10%, it is **73.3721, 73.6958, 57.9356**.

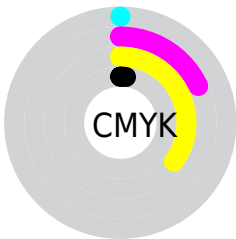
Distribution



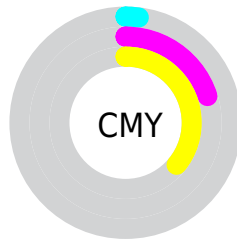
- Red (98%)
- Green (80%)
- Blue (64%)



- Red (98%)
- Yellow (95%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6281, 66.1541, 43.8550 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 67.6281, 66.1541, 43.8550 by changing the saturation by 10% instead.

 67.6281, 66.1541,
43.8550


 67.6281, 66.1541,
43.8550

441.5746,
446.9278, 378.1403

 49.8678, 48.3975,
30.2202


 114.8648,
113.7075, 82.2997

 35.5257, 34.1418,
19.7523

 145.0719,
144.2731, 107.9466

 24.2365, 23.0025,
12.0328


180.1587,
179.8771, 138.4346

 15.6349, 14.5954,
6.6432

220.4904,
220.9040, 174.1823

 9.3554, 8.5359,
3.1650

266.4325,
267.7381, 215.6081

 5.0326, 4.4397,
1.1795

318.3504,

 2.3014, 1.9225,

320.7638, 263.1307

0.0000

376.6093,
380.3656, 317.1686

0.7954, 0.5618,
0.0000

0.0000, 0.0000,
0.0000

67.6281, 66.1541,
43.8550

67.6281, 66.1541,
43.8550

62.5969, 59.3289,
32.1979

73.3721, 73.6958,
57.9356

58.2406, 53.1873,
22.8199

79.8543, 81.9671,
74.5645

54.5251, 47.7071,
15.5675

87.1048, 90.9923,
93.8627

51.4106, 42.8609,
10.2662

93.2344, 99.0640,
108.8150

■ 48.8516, 38.6186,
6.7132

■ 46.7934, 34.9458,
4.6598

■ 45.8830, 33.2412,
3.9979

Harmonies

Analogous

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



73.1577, 66.1541, 52.2826



67.6281, 66.1541, 43.8550



61.1569, 66.1541, 42.2762

Triad

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



67.6281, 66.1541, 43.8550



51.3802, 66.1541, 77.1193



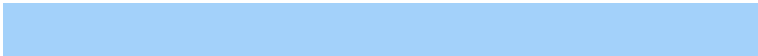
70.8350, 66.1541, 103.7757

Complementary

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



67.6281, 66.1541, 43.8550



55.1594, 60.2876, 99.1720

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.



64.6301, 66.1541, 113.2313



67.6281, 66.1541, 43.8550



53.6084, 66.1541, 96.2137

Square

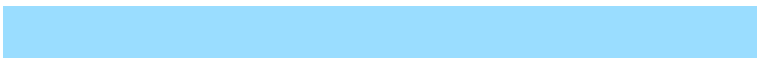
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6281, 66.1541, 43.8550



52.0621, 66.1541, 59.5531



58.3547, 66.1541, 110.2500



75.0956, 66.1541, 86.1394

Rectangle

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



67.6281, 66.1541, 43.8550



57.2243, 66.1541, 45.0123



58.3547, 66.1541, 110.2500



68.8913, 66.1541, 108.1425

Sweetspot

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



67.6298, 66.1572, 43.8563



87.0619, 90.1633, 87.3099



64.0802, 51.1424, 67.0763



18.4087, 19.0166, 18.0880



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.



67.6298, 66.1572, 43.8563



66.8582, 63.9566, 36.7965



79.3268, 89.5512, 47.7554



17.9192, 18.5743, 18.1032



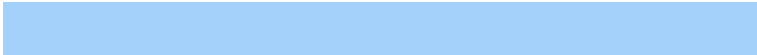
24.4792, 17.9151, 2.1678



2.3724, 1.8696, 0.2358

Inverse Universe

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



55.1594, 60.2876, 99.1720



51.9616, 56.9404, 102.8597



45.9783, 41.9256, 96.1117



17.0427, 18.1622, 21.9927



13.6870, 12.7296, 49.7092



1.3738, 1.3913, 4.6393

Previews

White Background



This preview shows how the XYZ color 67.6281, 66.1541, 43.8550 looks on a white background.

Color Contrast Check

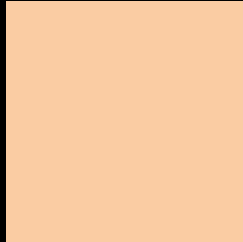
Large Text (above 18pt) WCAG AA × Fail

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 67.6281, 66.1541, 43.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

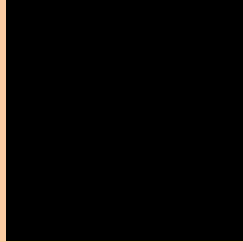
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6281, 66.1541, 43.8550

Background



This preview shows how black text looks on a background with the XYZ color 67.6281, 66.1541, 43.8550.



This preview shows how white text looks on a background with the XYZ color 67.6281, 66.1541,

43.8550.

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

67.6281, 66.1541, 43.8550

Protanopia

62.1971, 66.2079, 46.0605

Deuteranopia

67.6281, 66.1541, 43.8550



Tritanopia

73.0899, 65.9460, 71.1639

Trichromacy



Original Color

67.6281, 66.1541, 43.8550

Protanomaly

63.9443, 66.0163, 45.4486

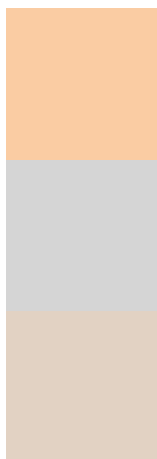
Deuteranomaly

67.6281, 66.1541, 43.8550

Tritanomaly

70.8999, 66.0862, 60.0580

Monochromacy



Original Color

67.6281, 66.1541, 43.8550

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.2610, 66.2021, 61.0211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6281, 66.1541, 43.8550 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(250, 204, 163)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 204, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 204, 163) }
```

Border

The CSS property to change the border of an element to XYZ 67.6281, 66.1541, 43.8550 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(250, 204, 163) }
```


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

```
.border{ border-color:rgb(250, 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(250, 204, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 204, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 204, 163);  
box-shadow:4px 4px 4px 4px rgb(250, 204,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6281, 66.1541, 43.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 204, 163) }
```

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

```
.background{ background-color: rgb(250,  
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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